REAL WORLD

Adobe Photoshop

Camera Raw

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Additional Writing by Jeff Schewe

Portrait by Jeff Schewe

Primary author and founder–Thomas Knoll

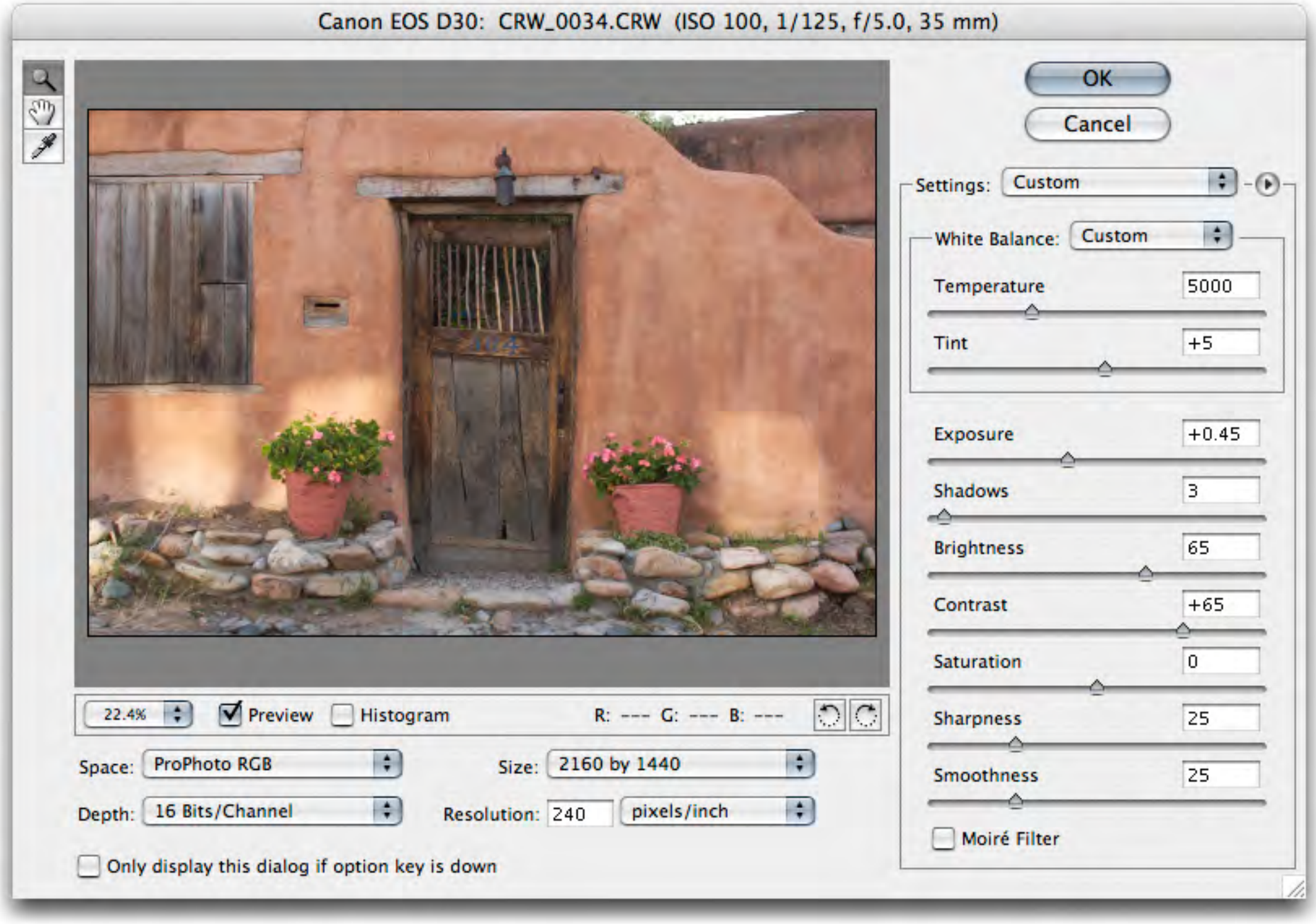
REAL WORLD

Portrait by Jeff Schewe

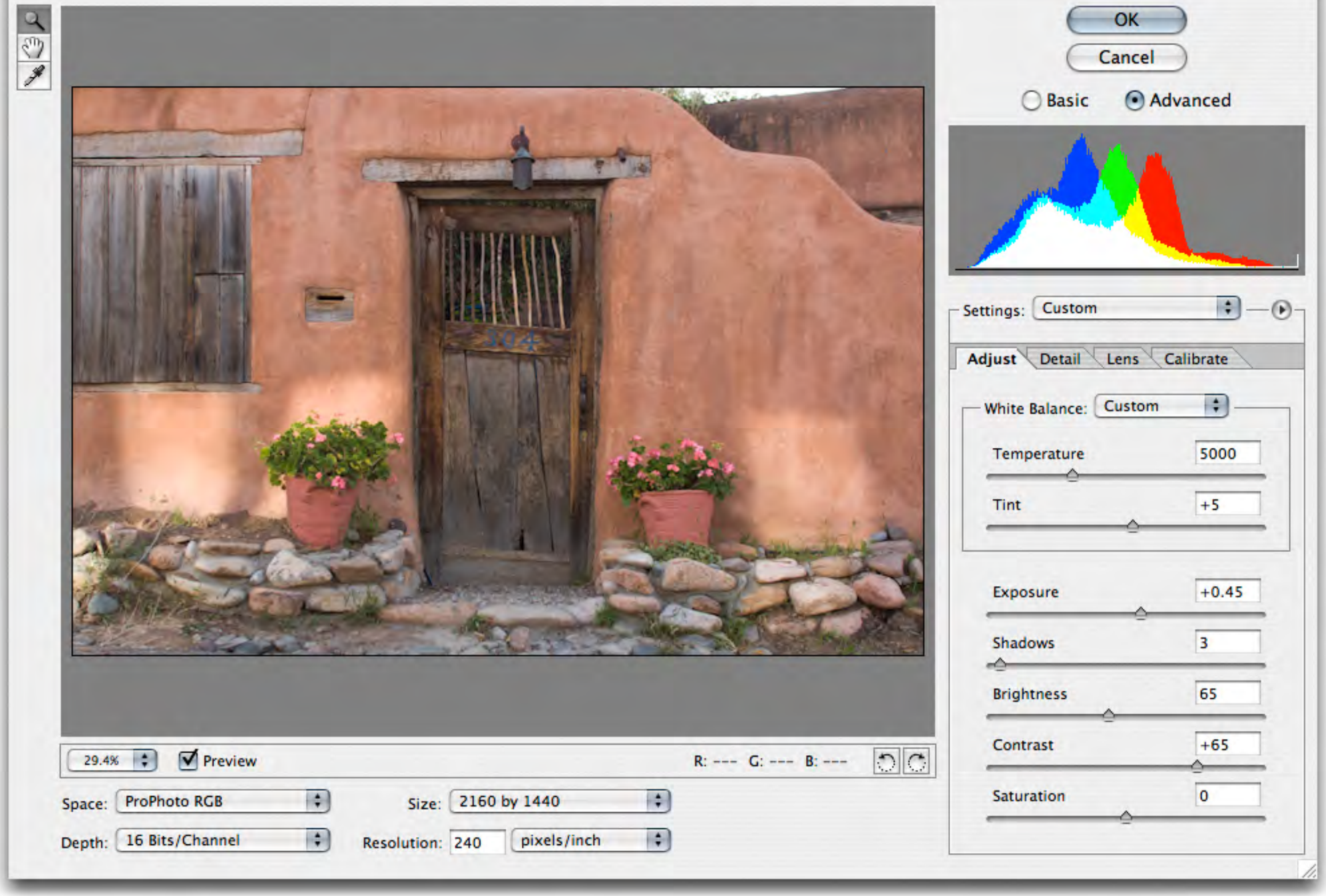
Additional code by Mark Hamburg

Portrait by Jeff Schewe

Additional code by Zalman Stern



Camera Raw 1.0 – February 2003



Camera Raw 2 – October 2003

Canon EOS D30: CRW_0034.CRW (ISO 100, 1/125, f/5.0, 17-35@35 mm)

Preview Shadows Highlights R: --- G: --- B: ---

31.2%

Settings: Custom

Adjust Detail Lens Curve Calibrate

White Balance: Custom

Temperature 5000

Tint +5

Auto Default

Exposure +0.45

Shadows 3

Brightness +65

Contrast 65

Saturation 0

Show Workflow Options

Space: ProPhoto RGB Size: 2160 by 1440 (3.1 MP)

Depth: 16 Bits/Channel Resolution: 240 pixels/inch

Save... Cancel

Open Done

Camera Raw 3 – April 2005

Camera Raw 4.1 – Canon EOS D30

Preview

32.3%

CRW_0034.CRW

R: ---
G: ---
B: ---

f/5 1/125 s
ISO 100 17-35@35 mm

Basic

White Balance: Custom

Temperature 5000

Tint +5

Auto Default

Exposure +0.45

Recovery 0

Fill Light 10

Blacks 3

Brightness +65

Contrast +65

Clarity 10

Vibrance +7

Saturation 0

Save Image...

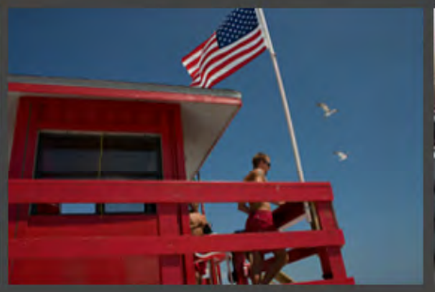
ProPhoto RGB; 16 bit; 2160 by 1440 (3.1MP); 240 ppi

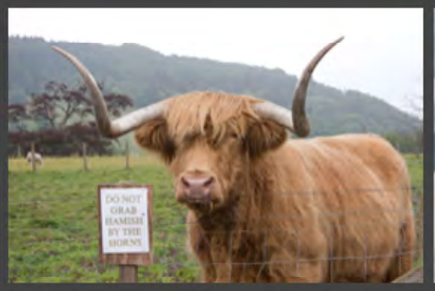
Open Image Cancel Done

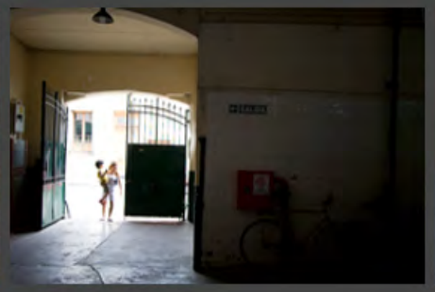
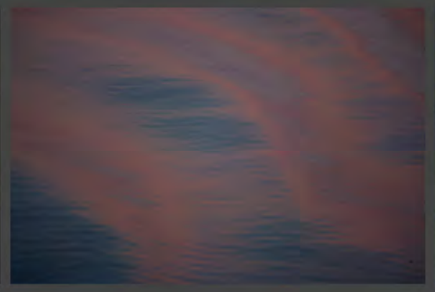
What is the Camera Raw Default?

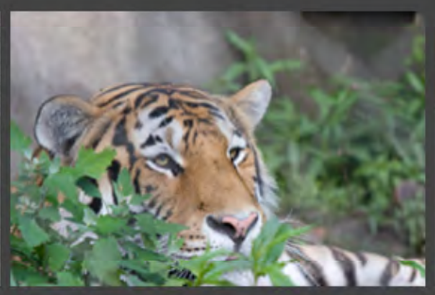
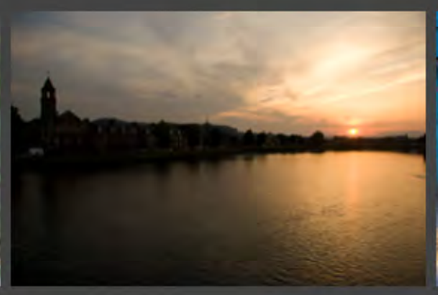
And Why Should You Care?

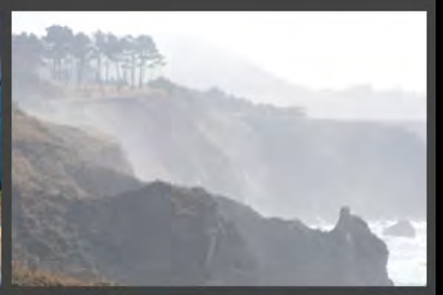
Content

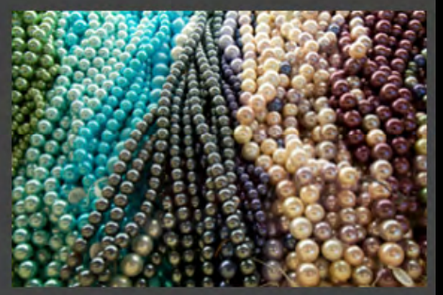








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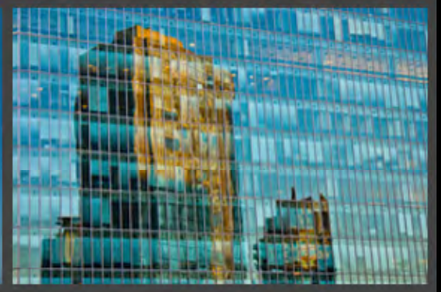
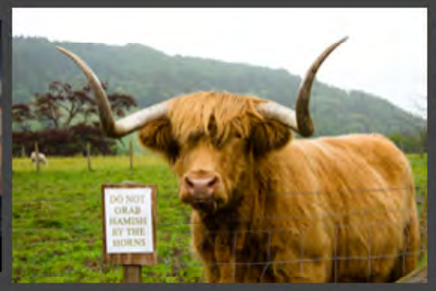
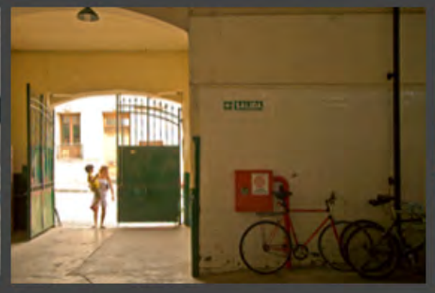
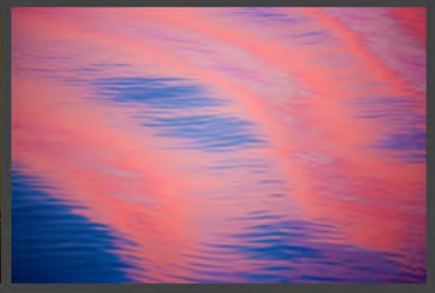
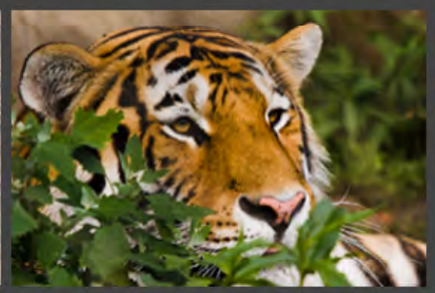
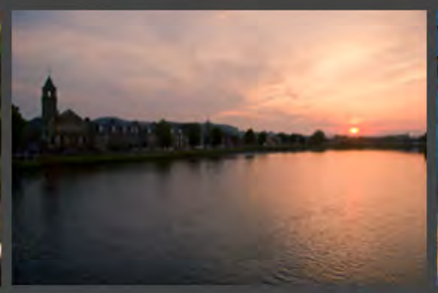
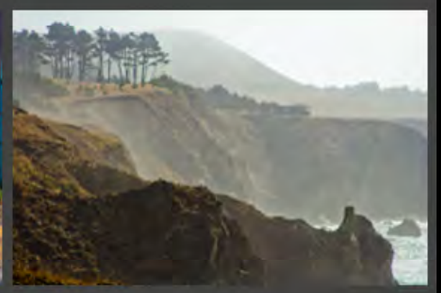
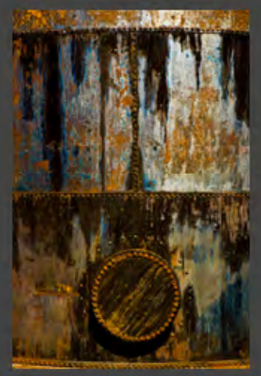


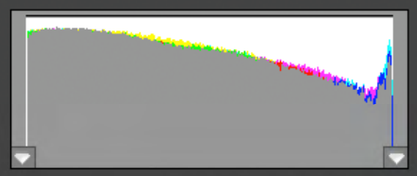
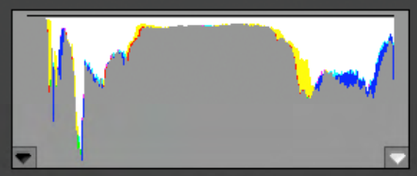
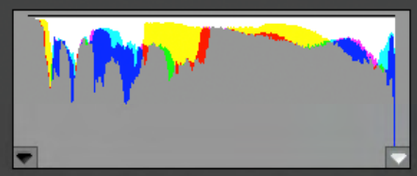
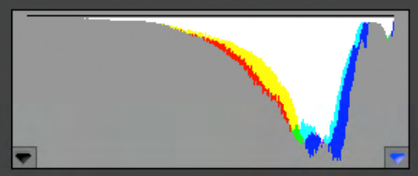
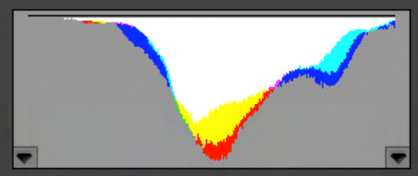
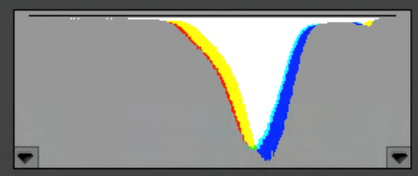
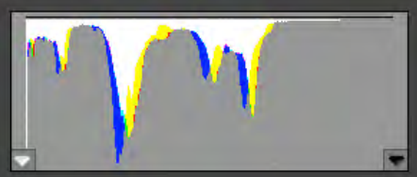
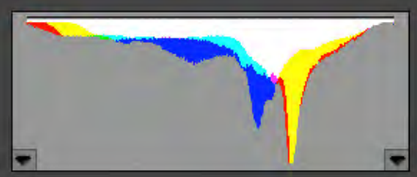
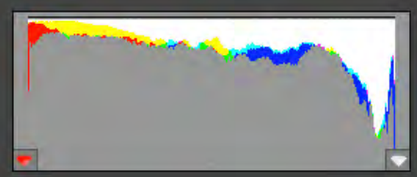
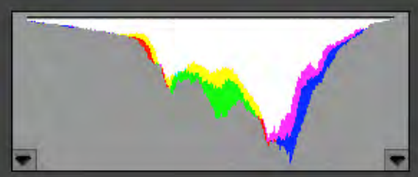
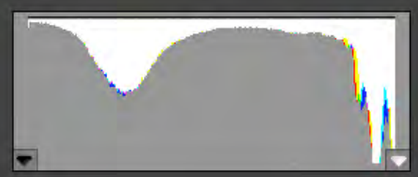
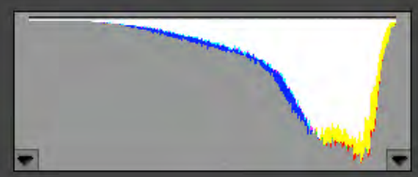
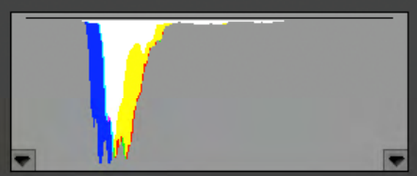
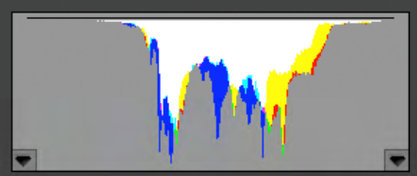
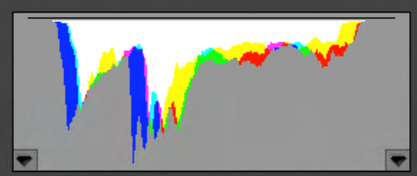
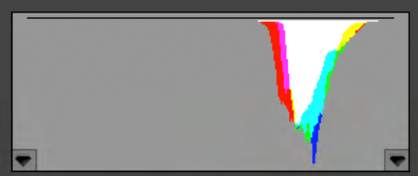
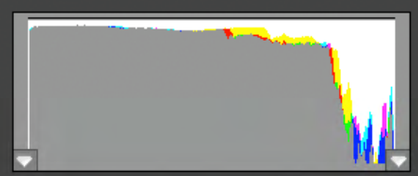
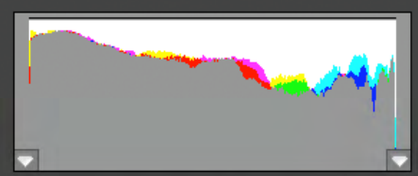
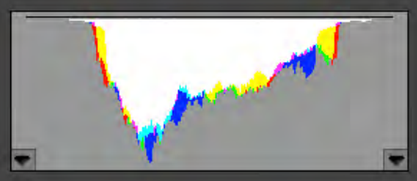
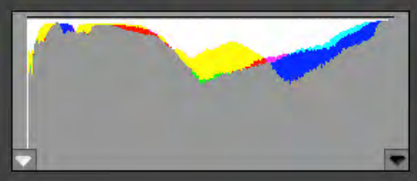
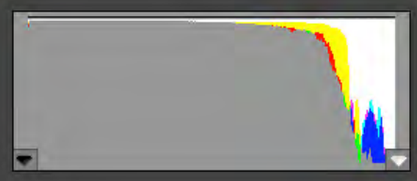
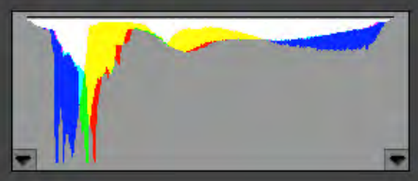
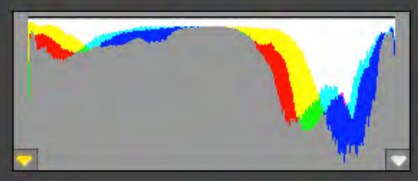
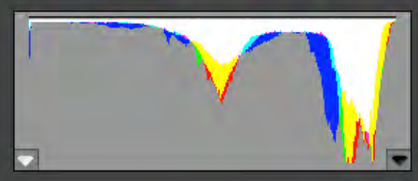
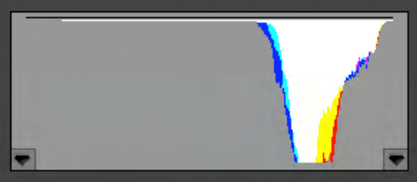
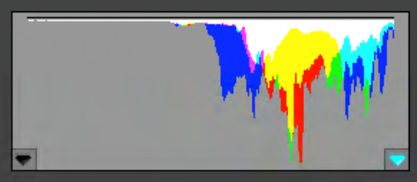
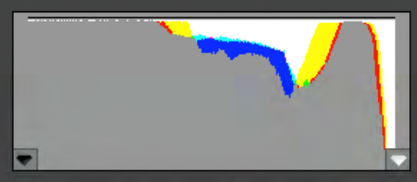
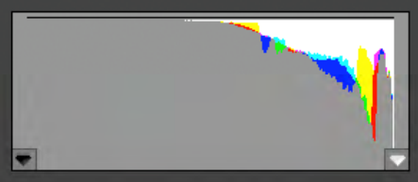
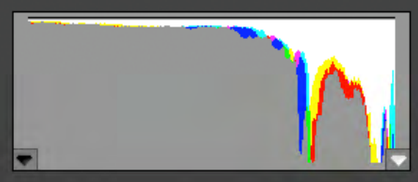
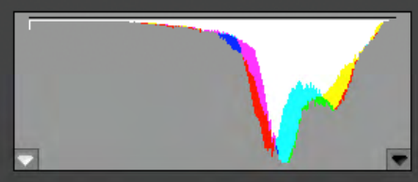


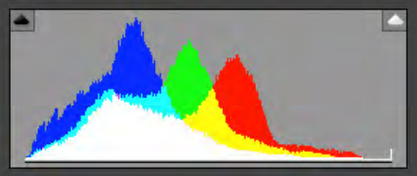
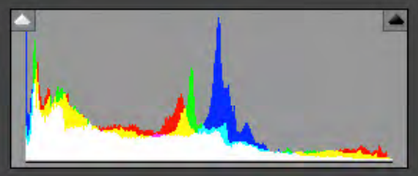
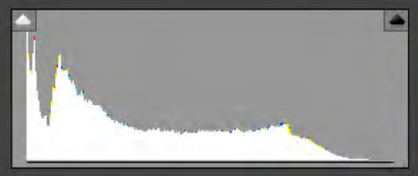
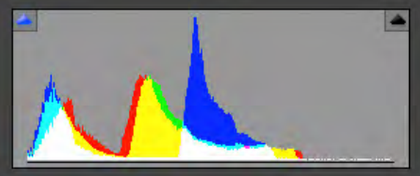
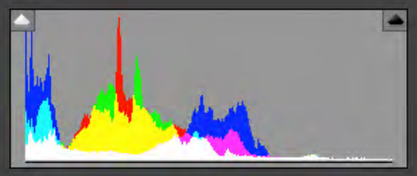
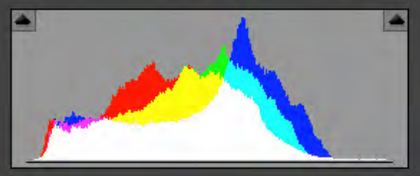
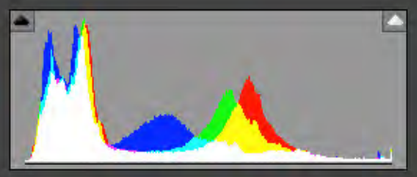
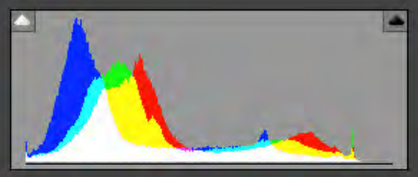
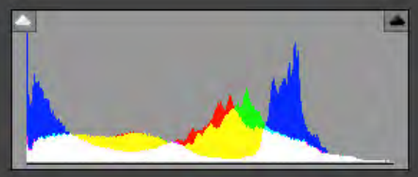
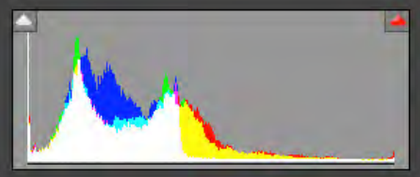
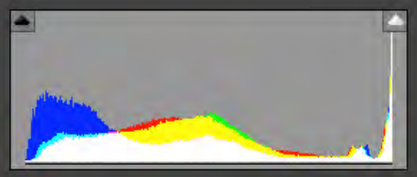
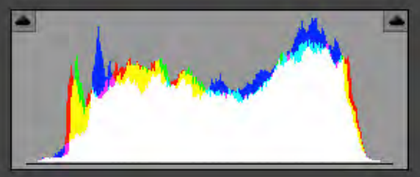
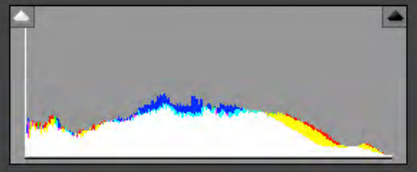
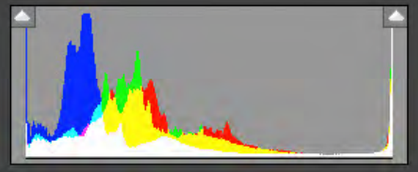
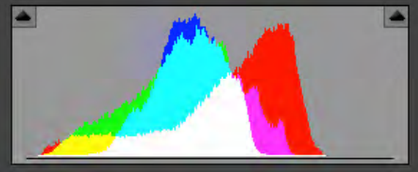
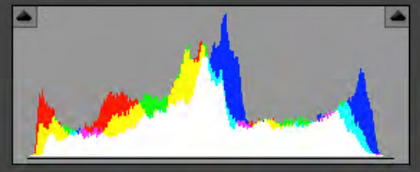
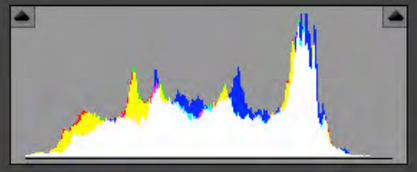
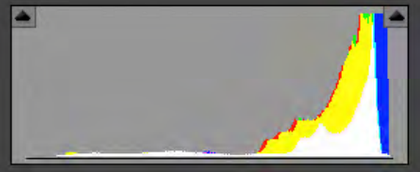
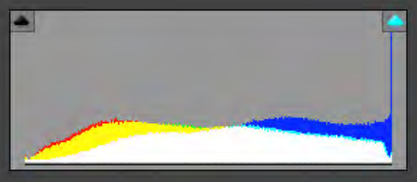
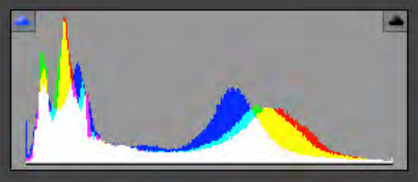
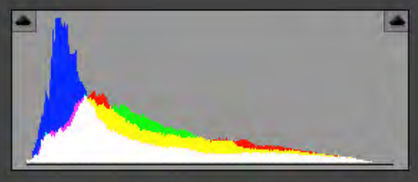
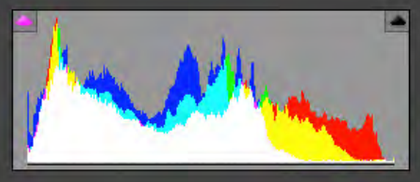
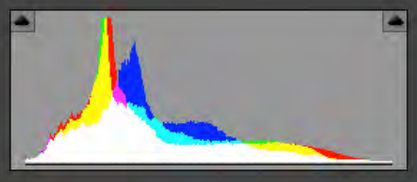
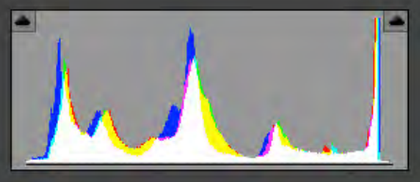
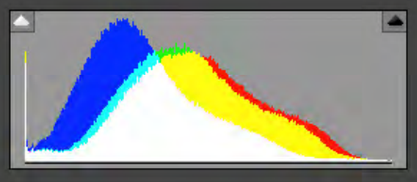
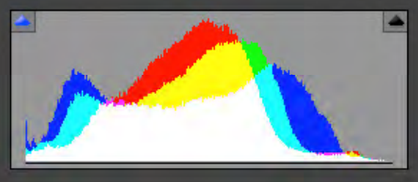
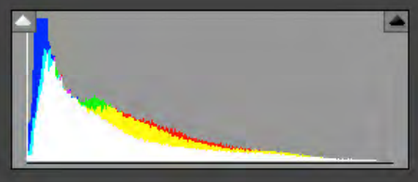
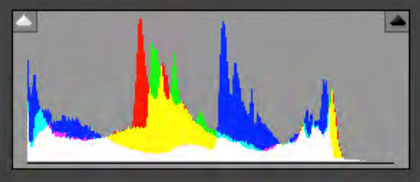
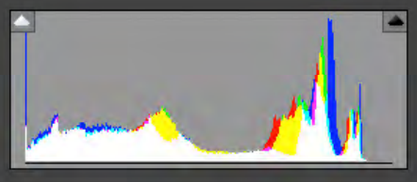
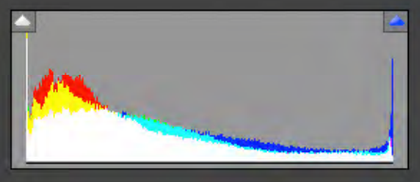



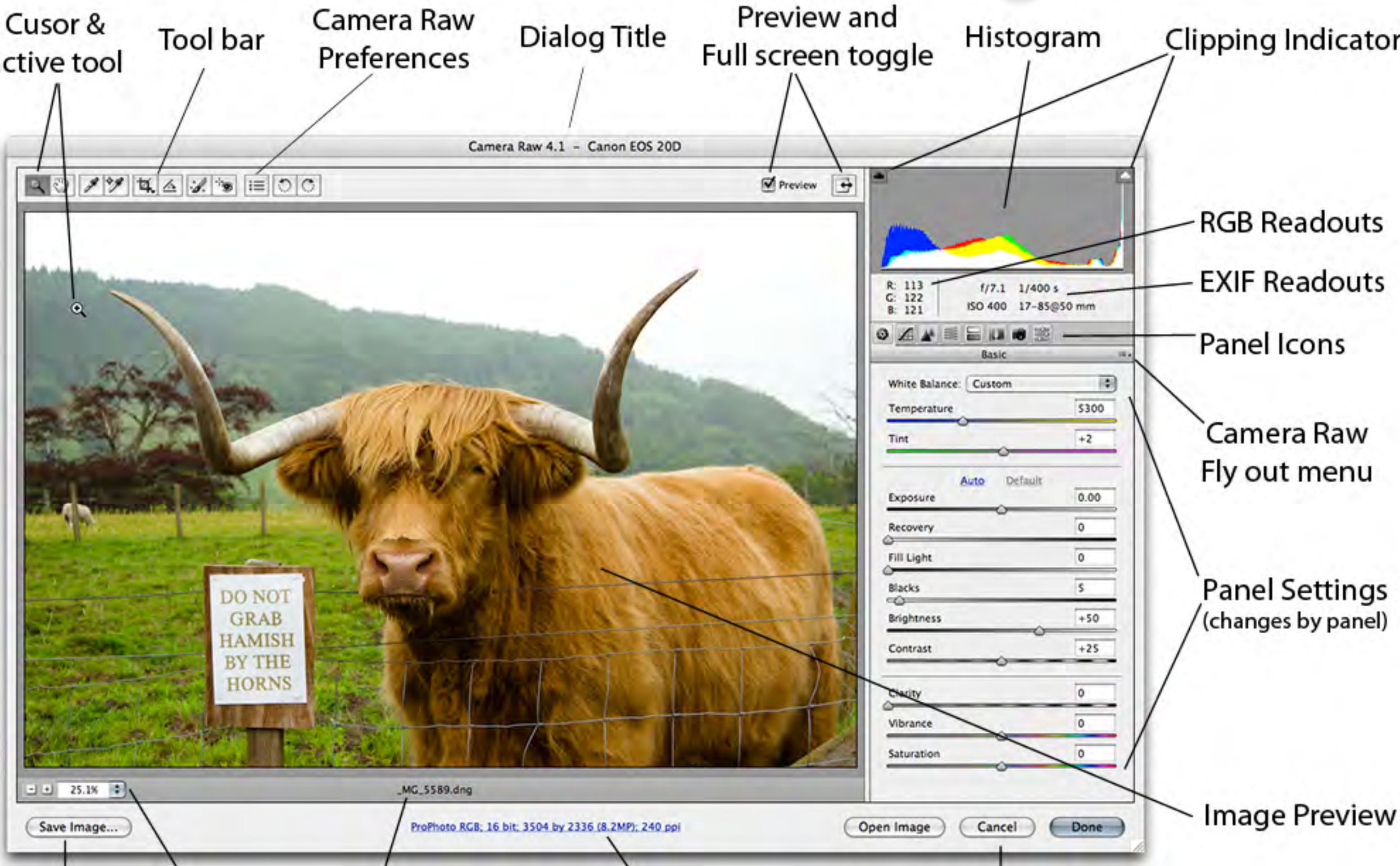




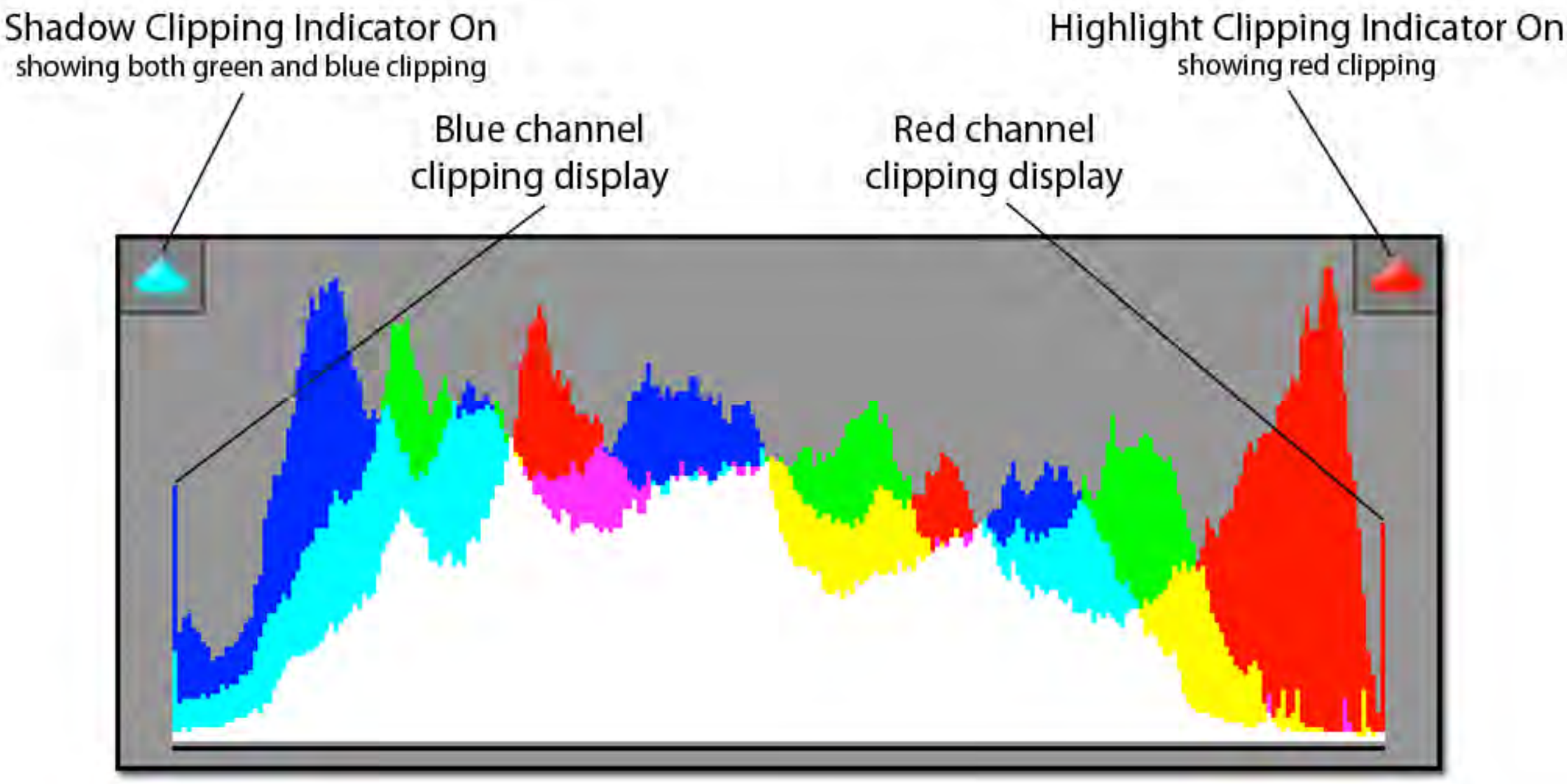































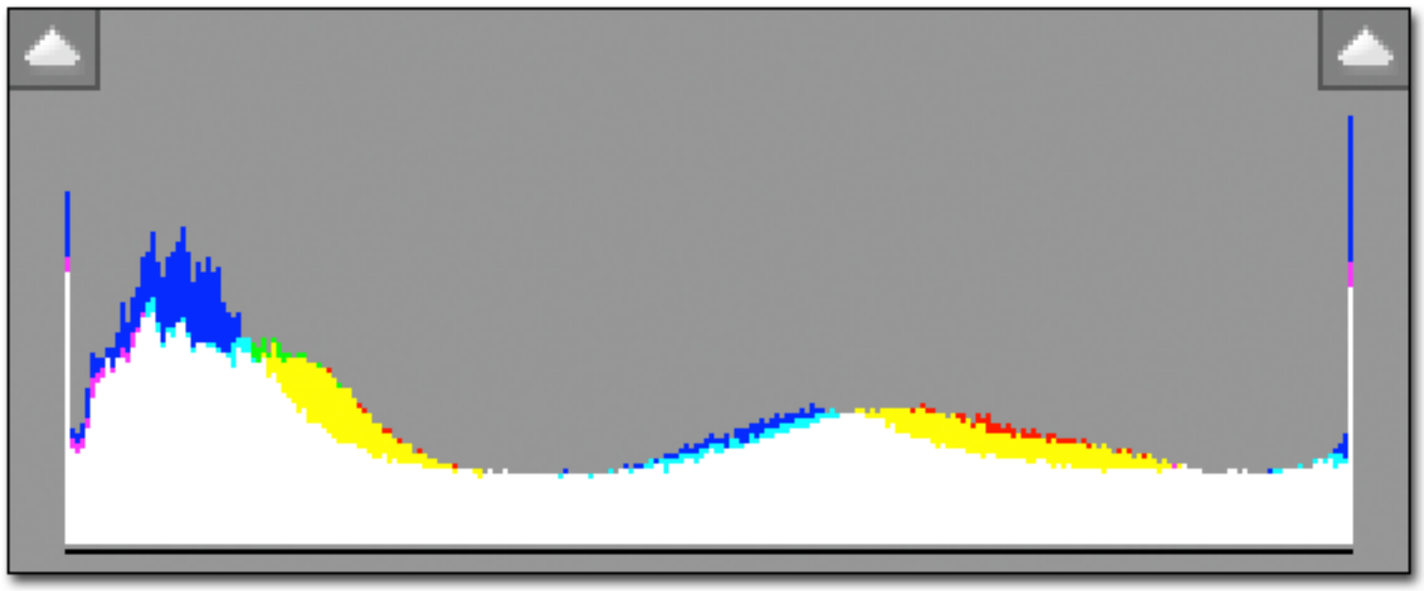
Camera Raw Dialog



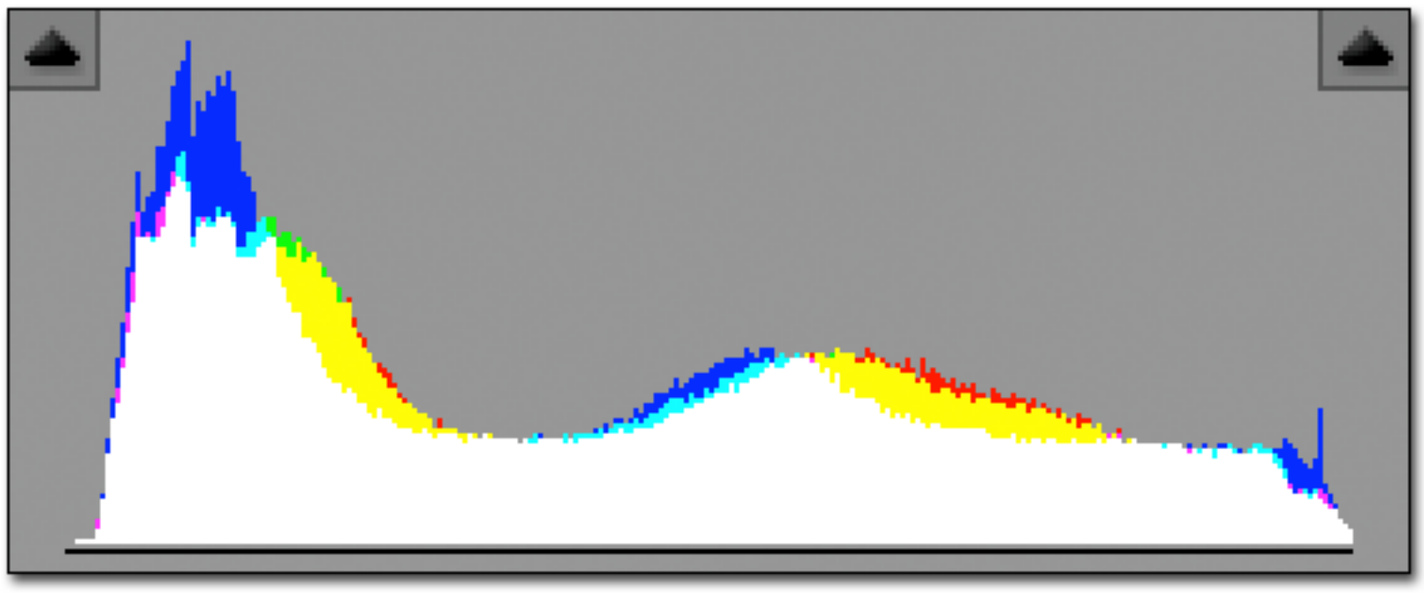
Camera Raw Histogram



Camera Raw Histogram

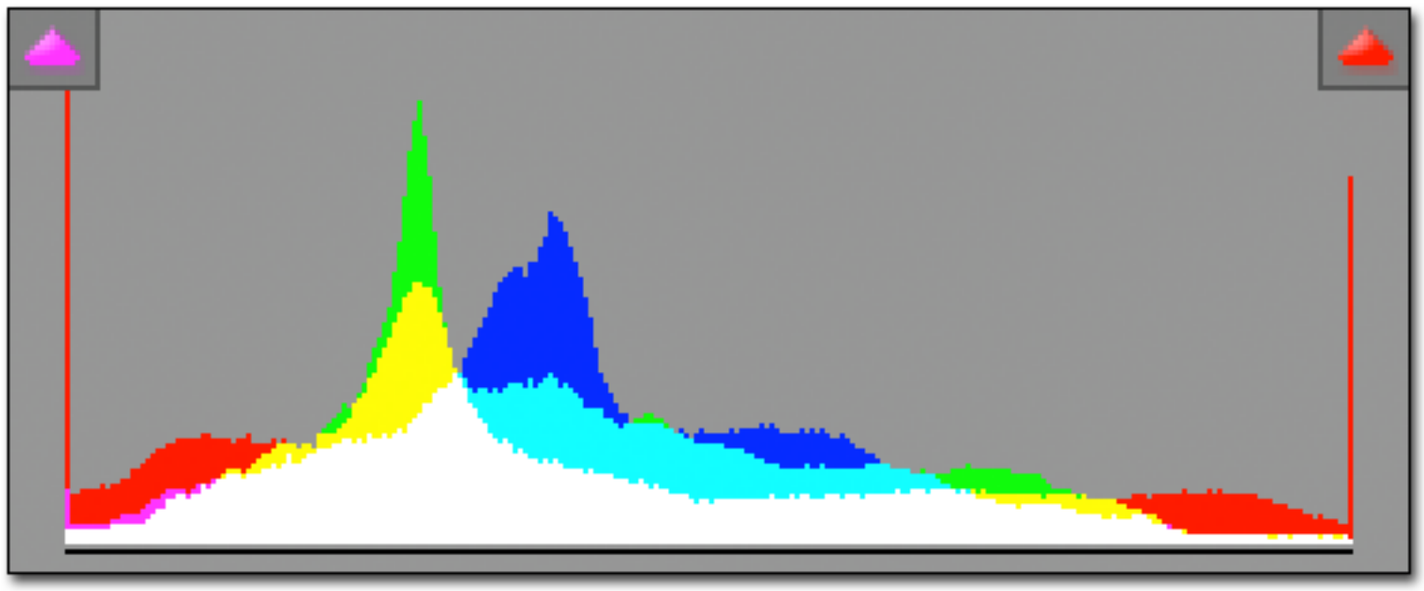


Highlight & Shadow Clipping

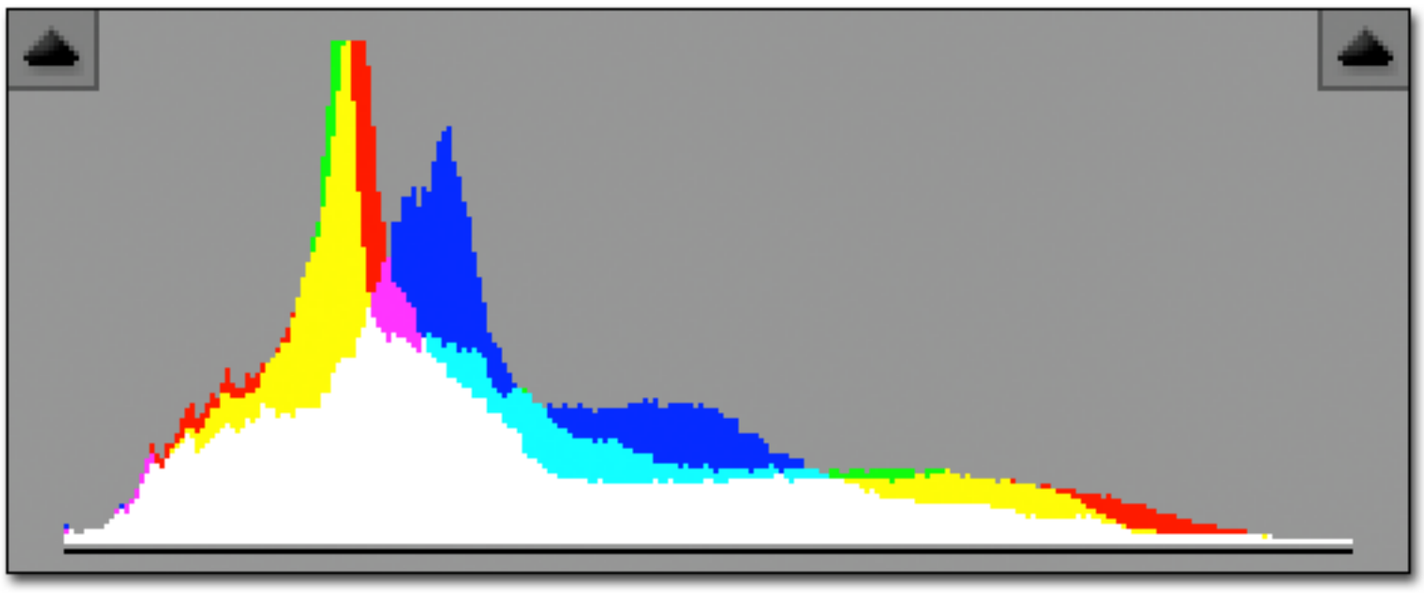


Highlight & Shadow Clipping Fixed

Camera Raw Histogram

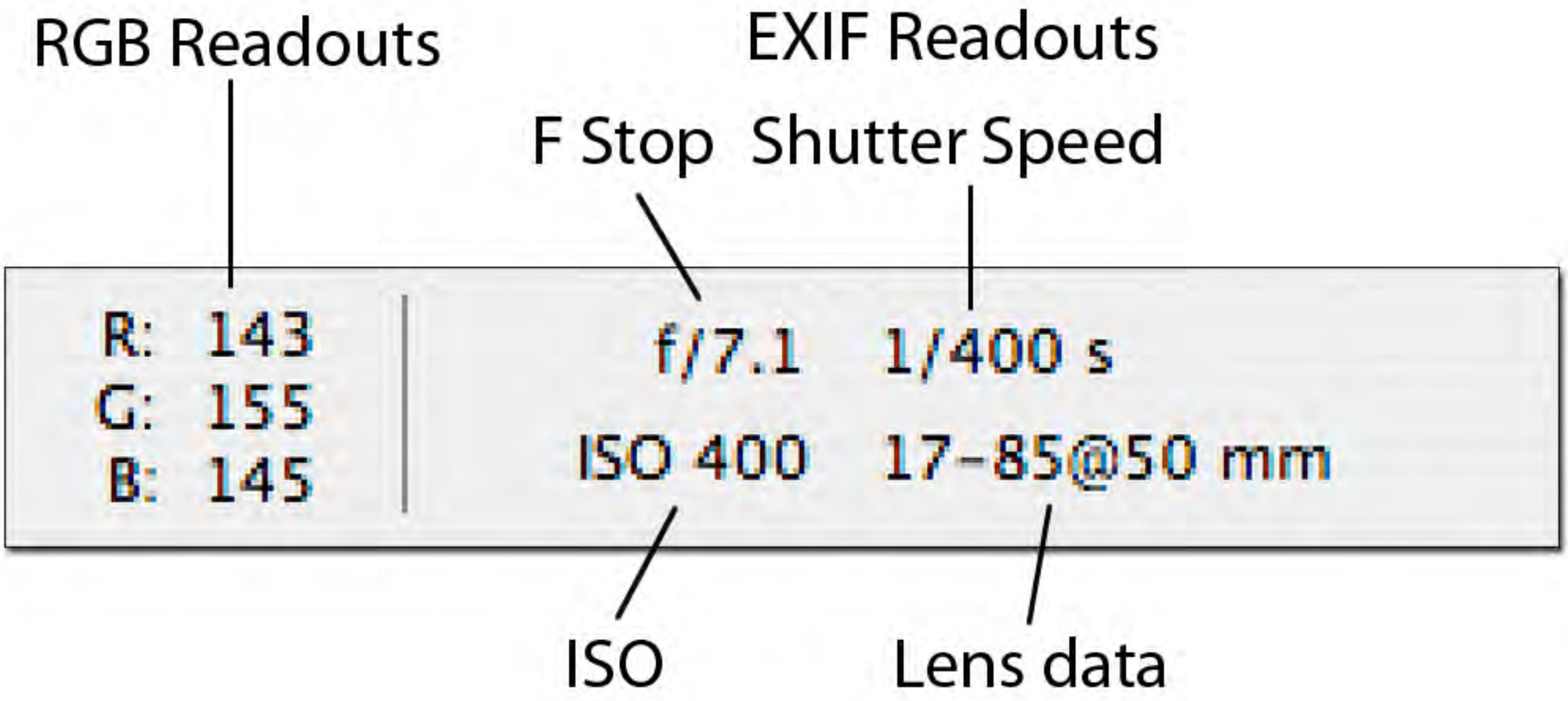


Saturation Clipping

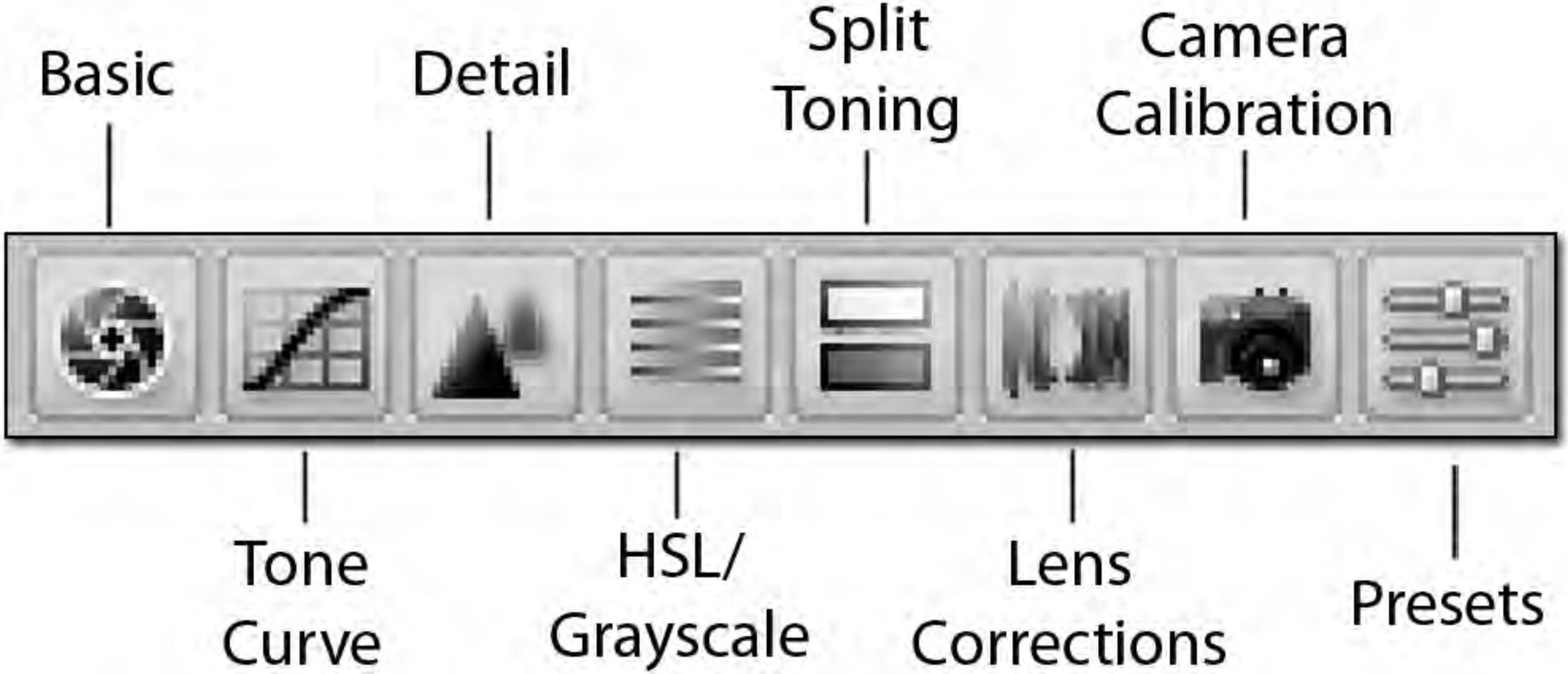


Saturation Clipping Fixed

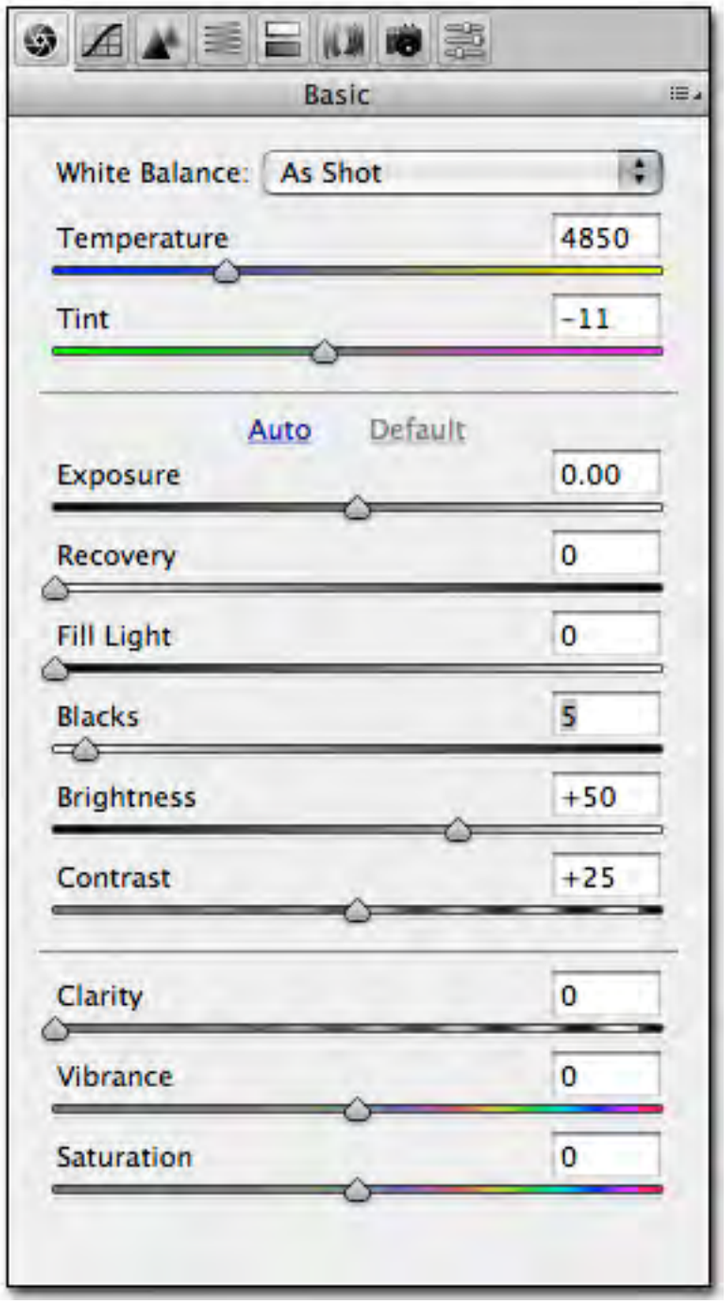
Camera Raw Metadata Readouts

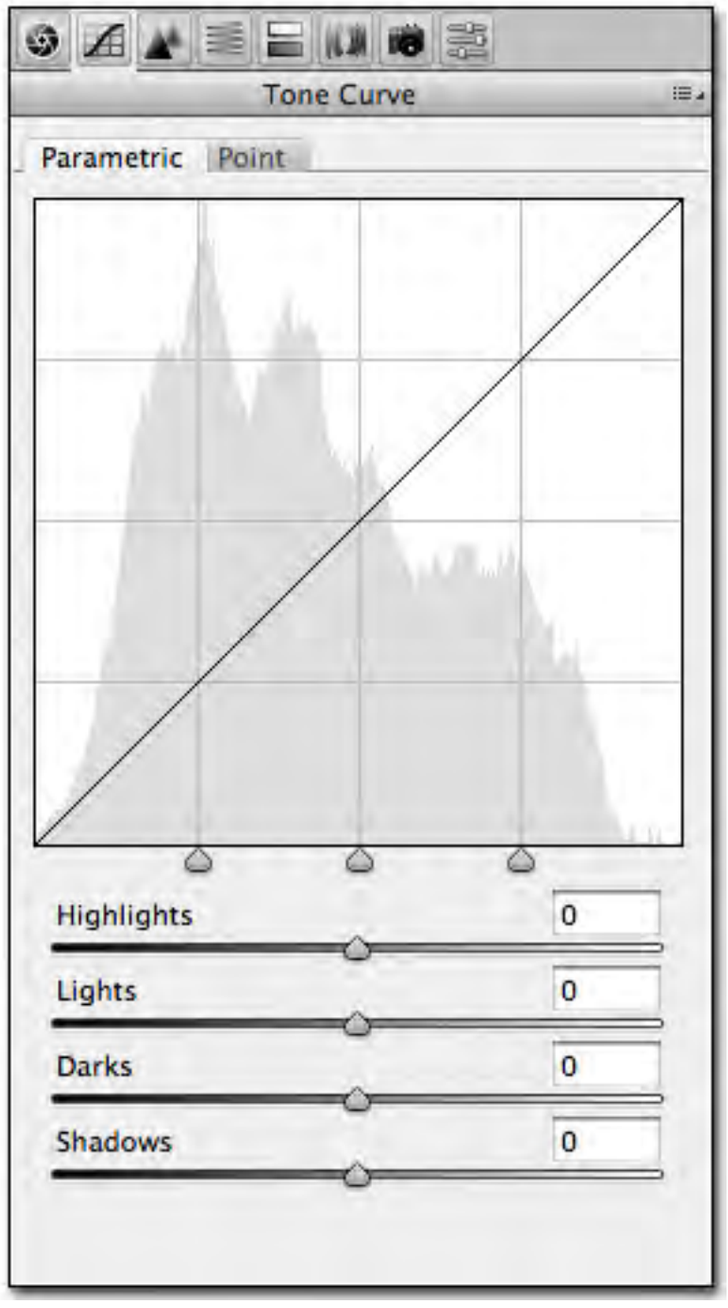


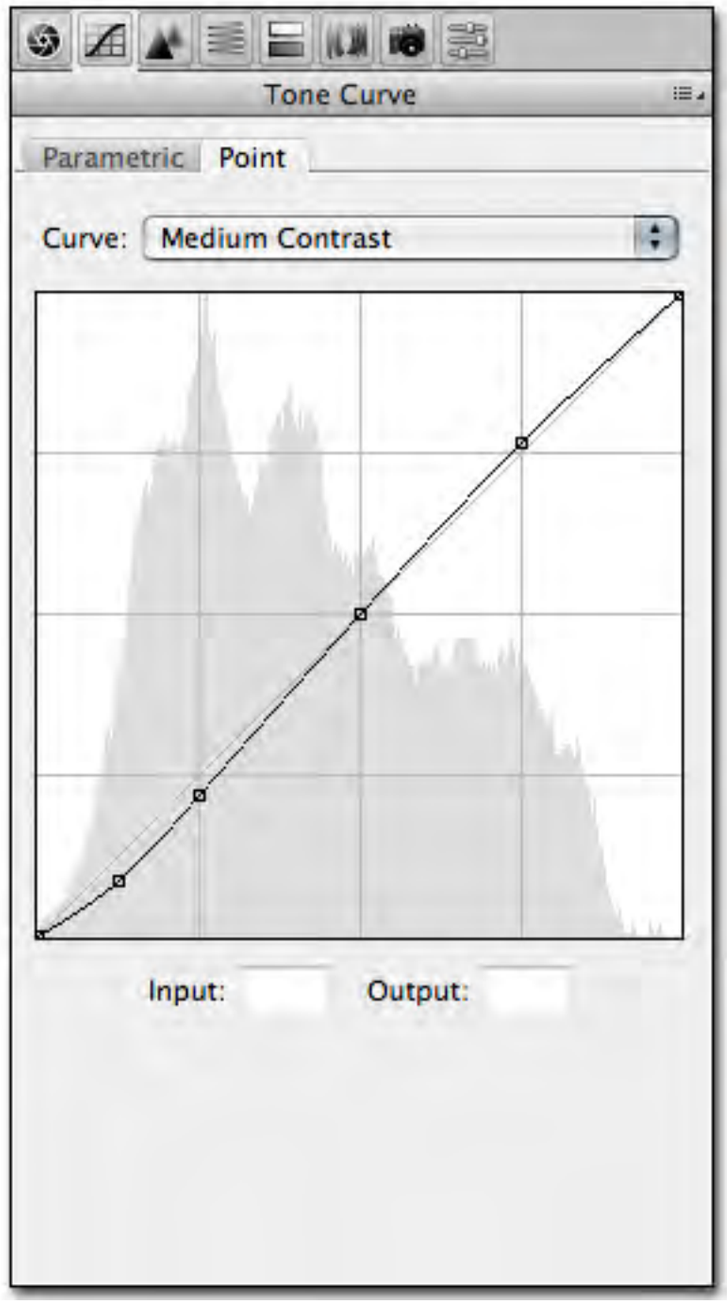
Camera Raw Panels



Camera Raw Panels





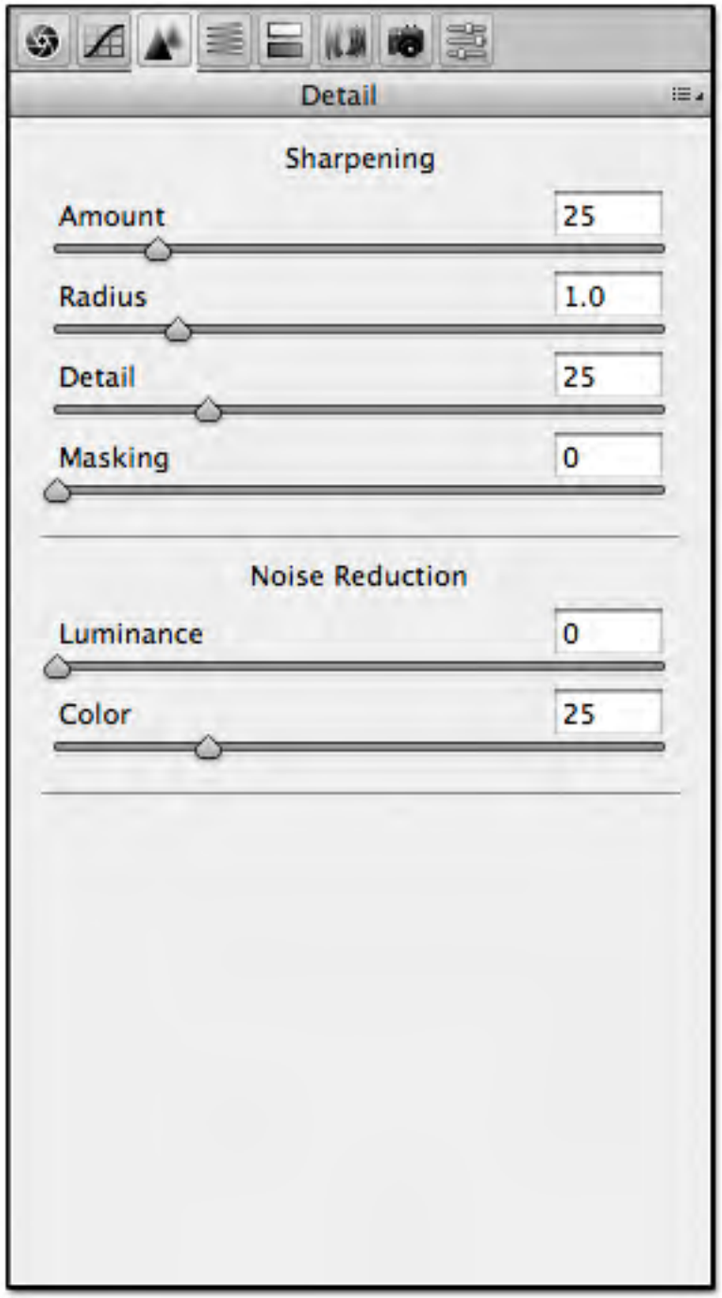


Basic

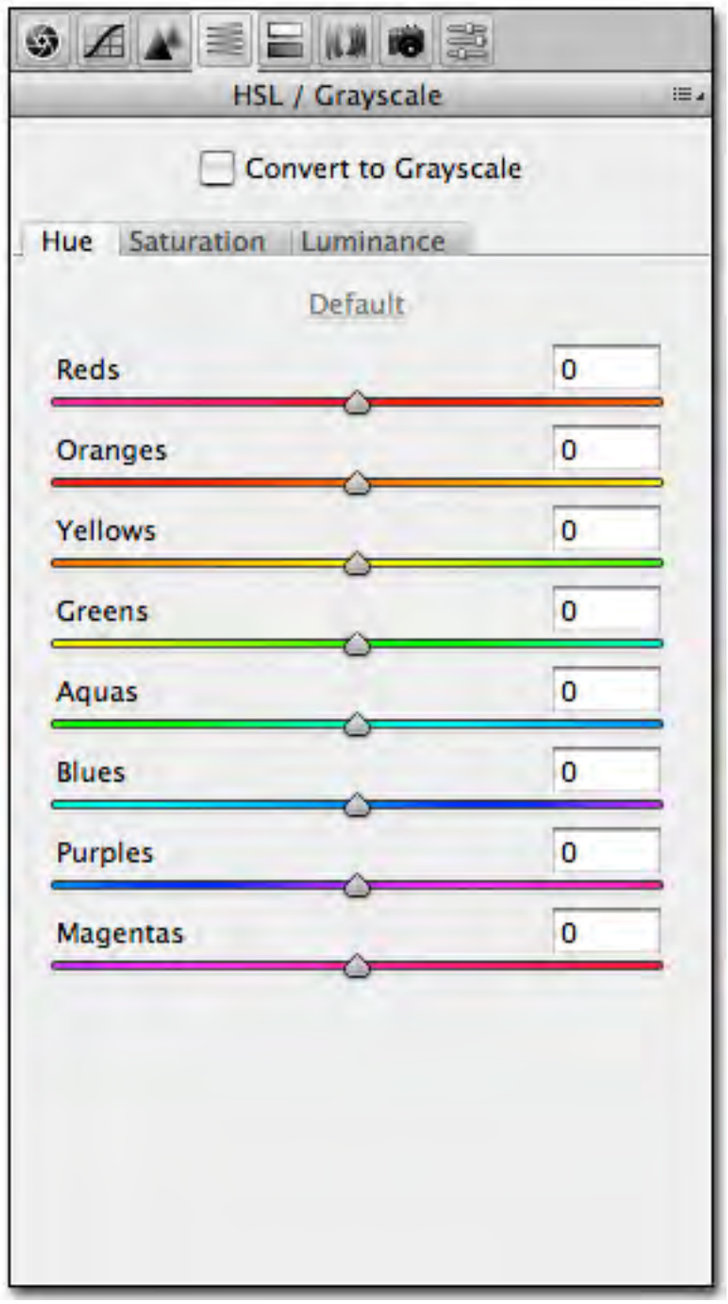
Parametric Curve

Point Curve

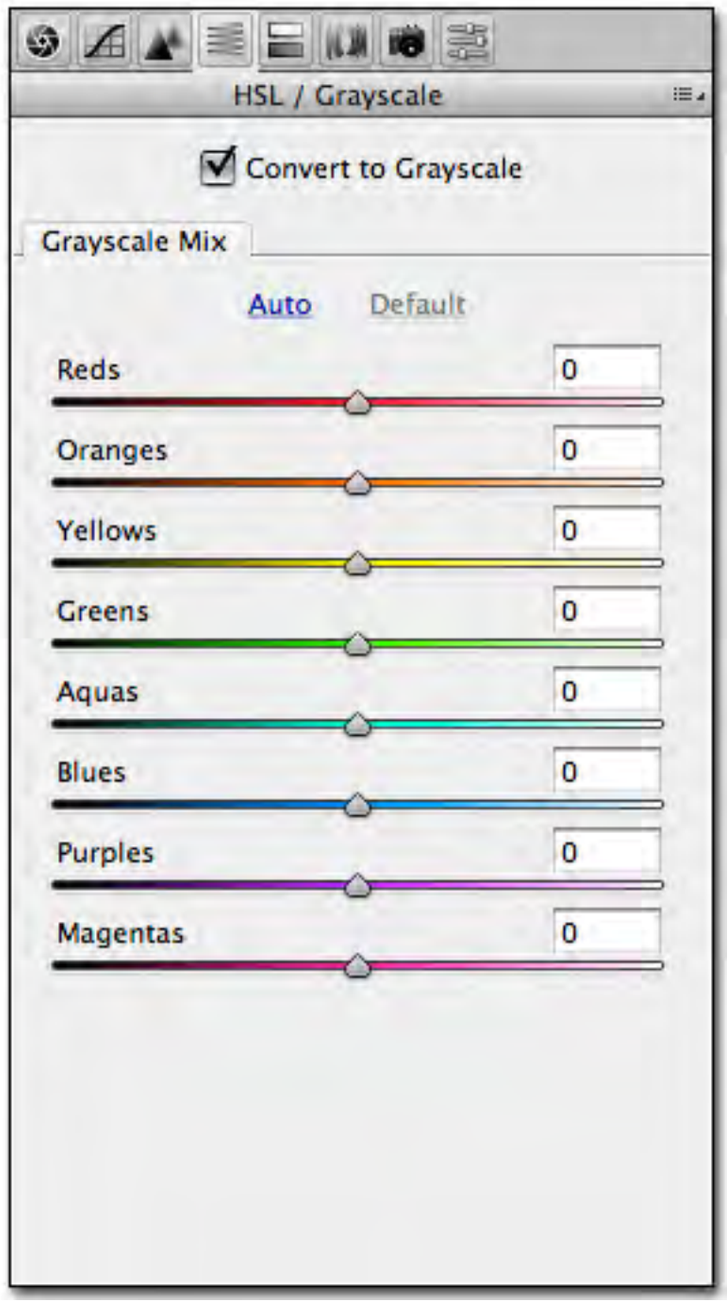
Camera Raw Panels



Detail

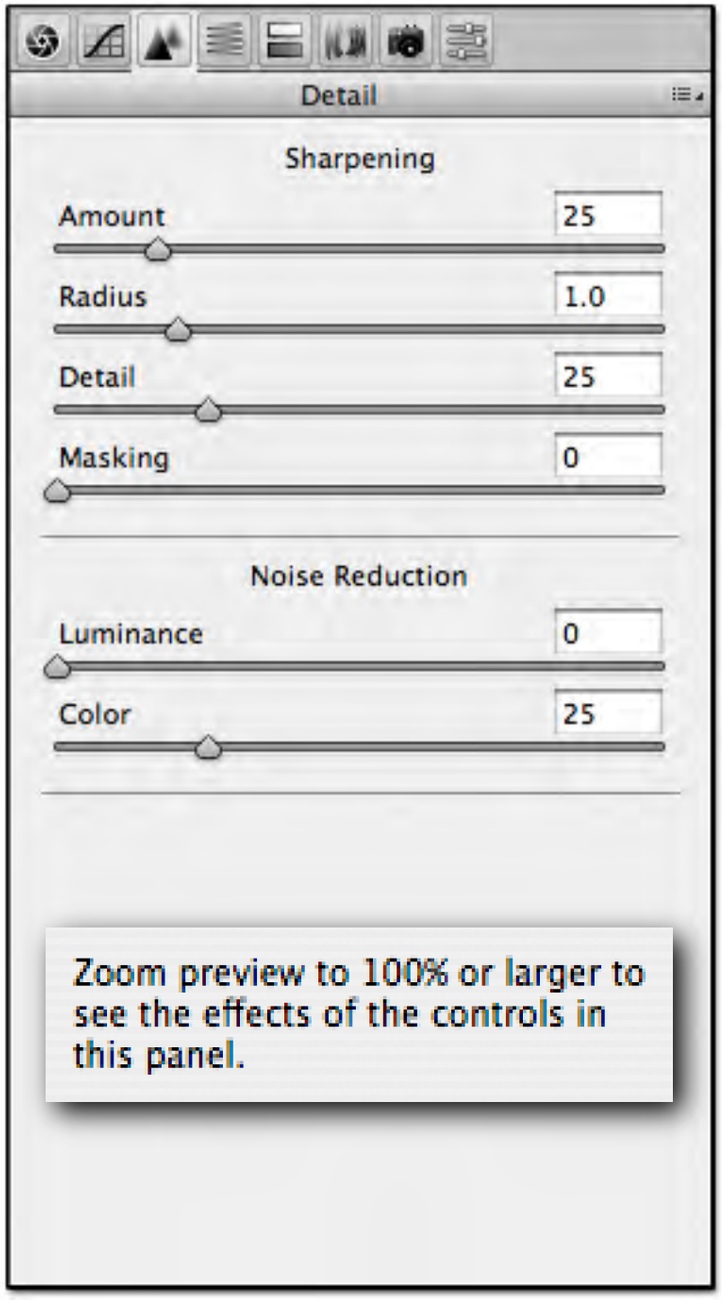


HSL/Grayscale Color

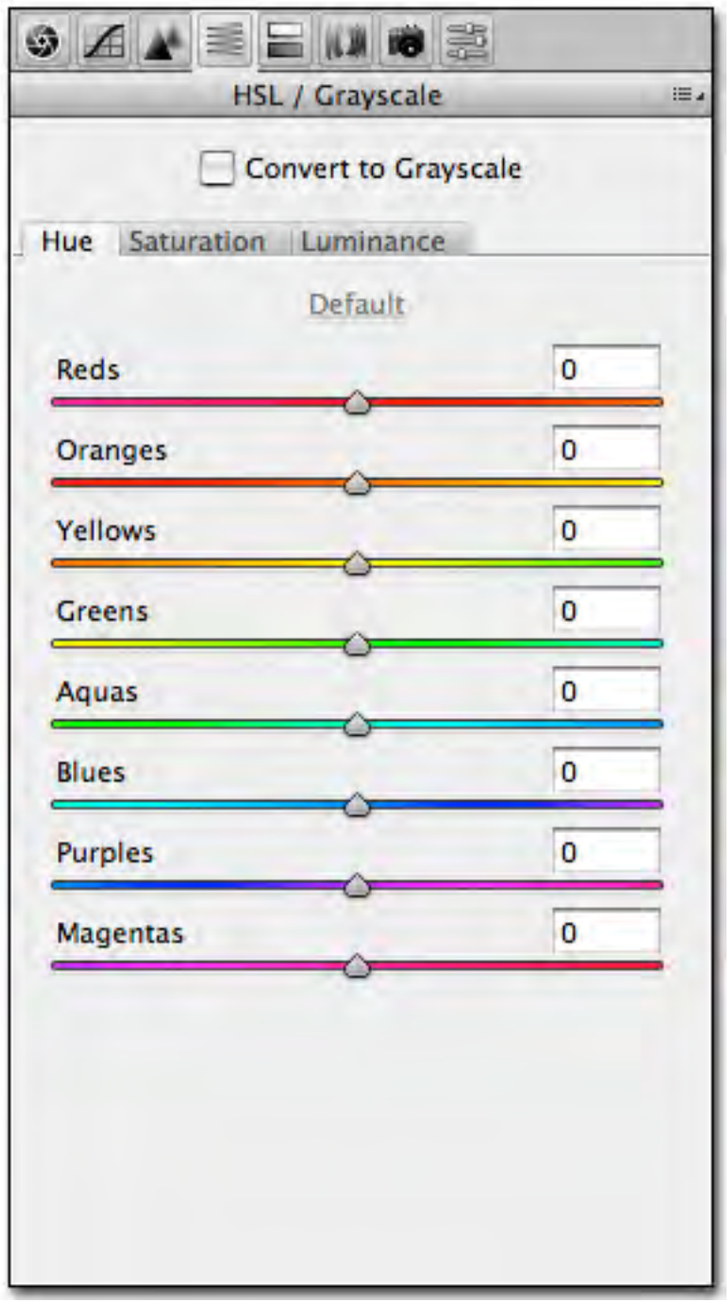


HSL/Grayscale B&W

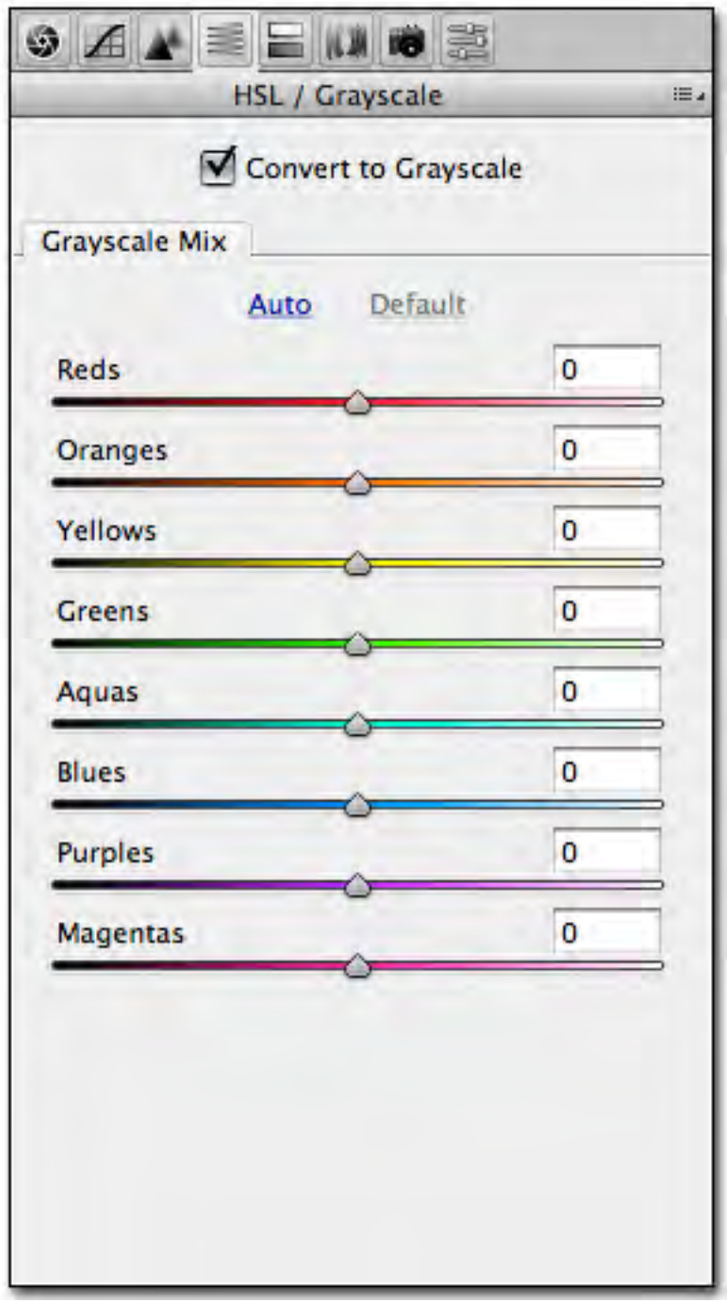
Camera Raw Panels



Detail

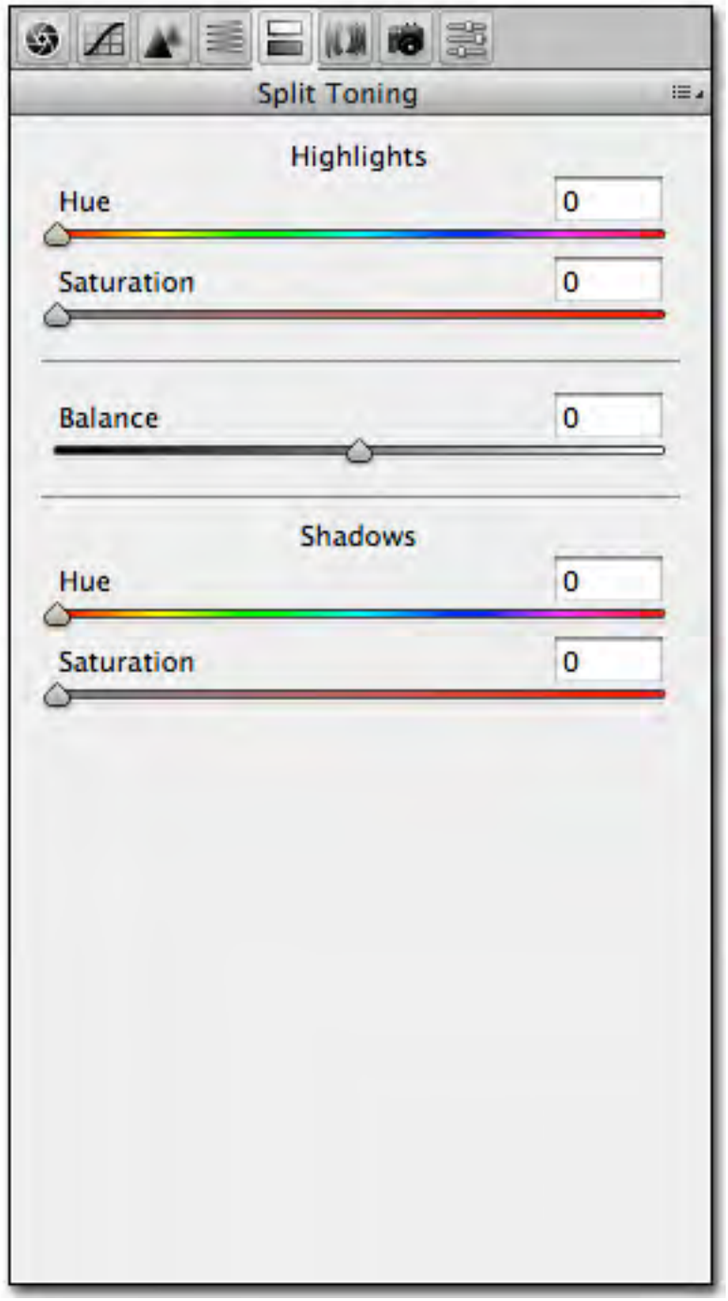


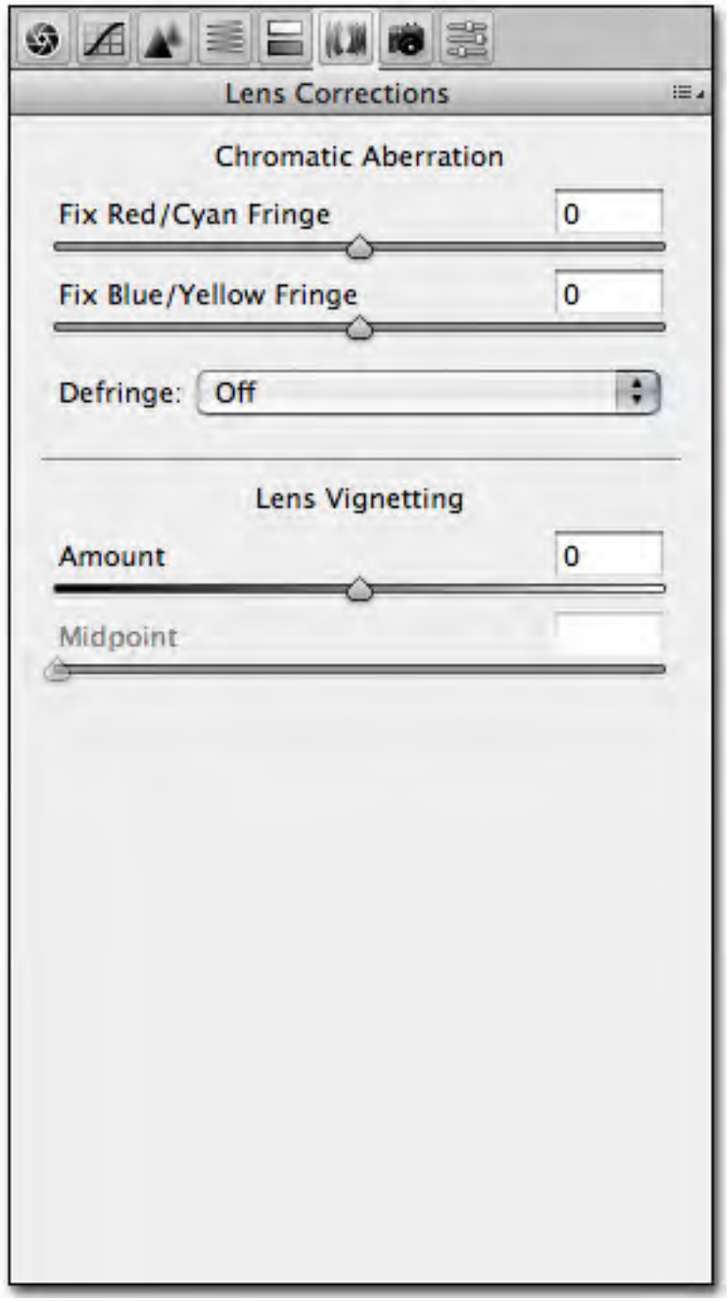
HSL/Grayscale Color

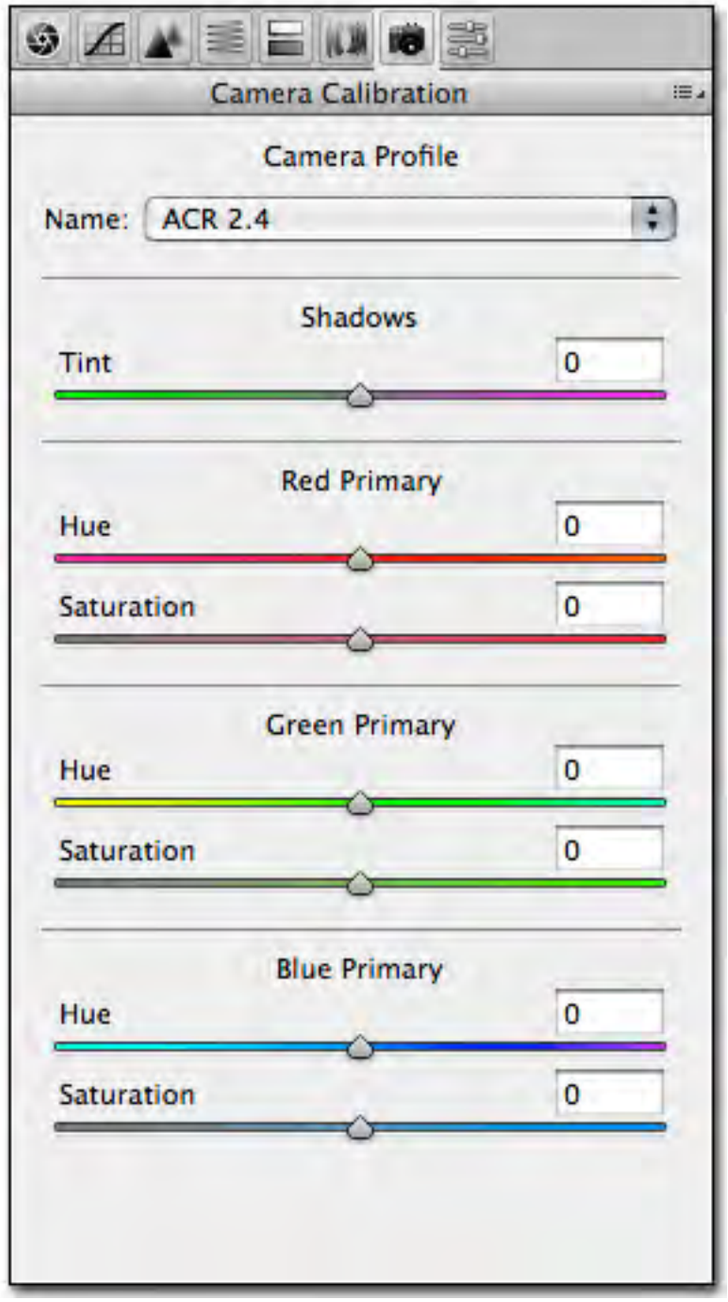


HSL/Grayscale B&W

Camera Raw Panels







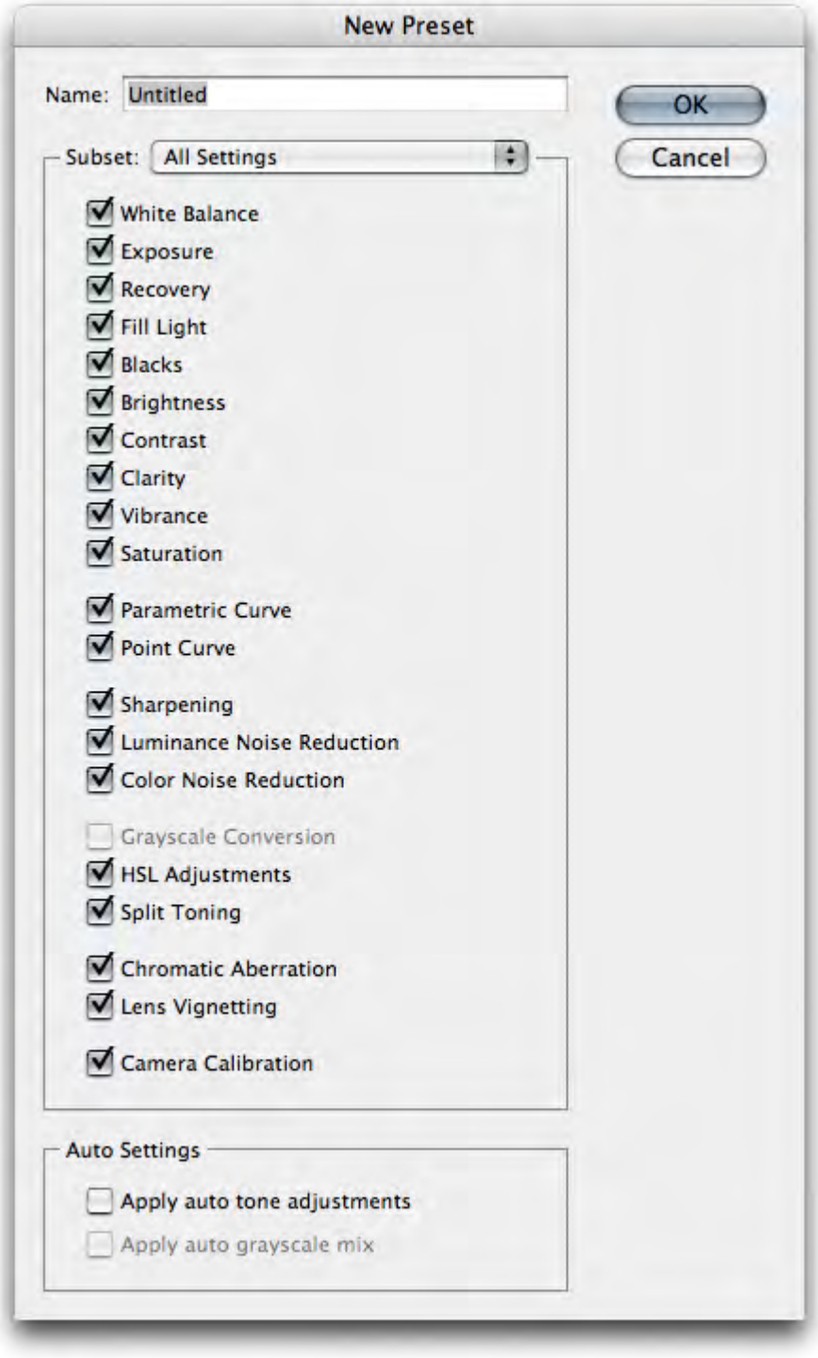
Split Toning

Lens Corrections

Camera Calibration

Camera Raw Panels

Presets



New Presets Dialog

Camera Raw Buttons

Camera Raw Hosted By Bridge

Option (Alt)

Smart Object

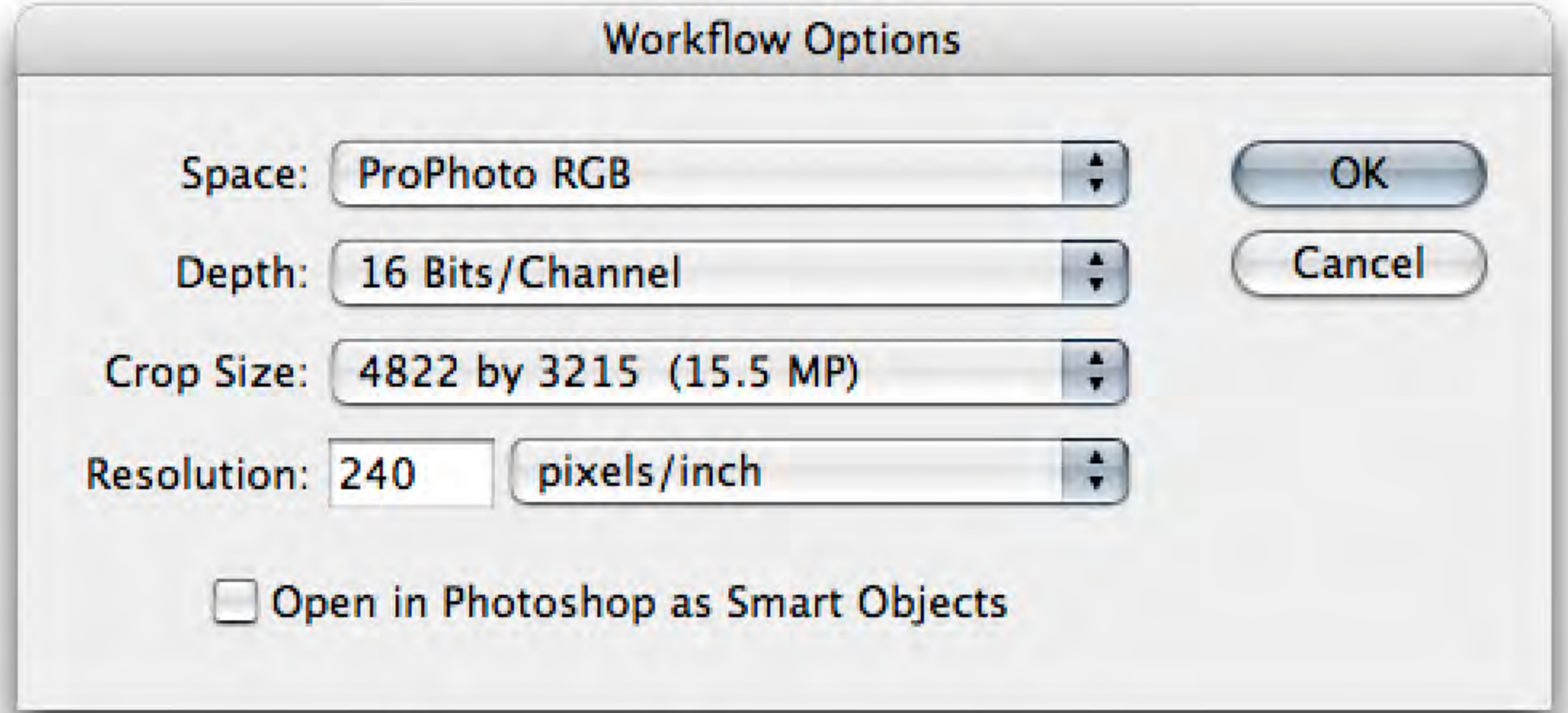
Camera Raw Buttons

Camera Raw Hosted By Photoshop

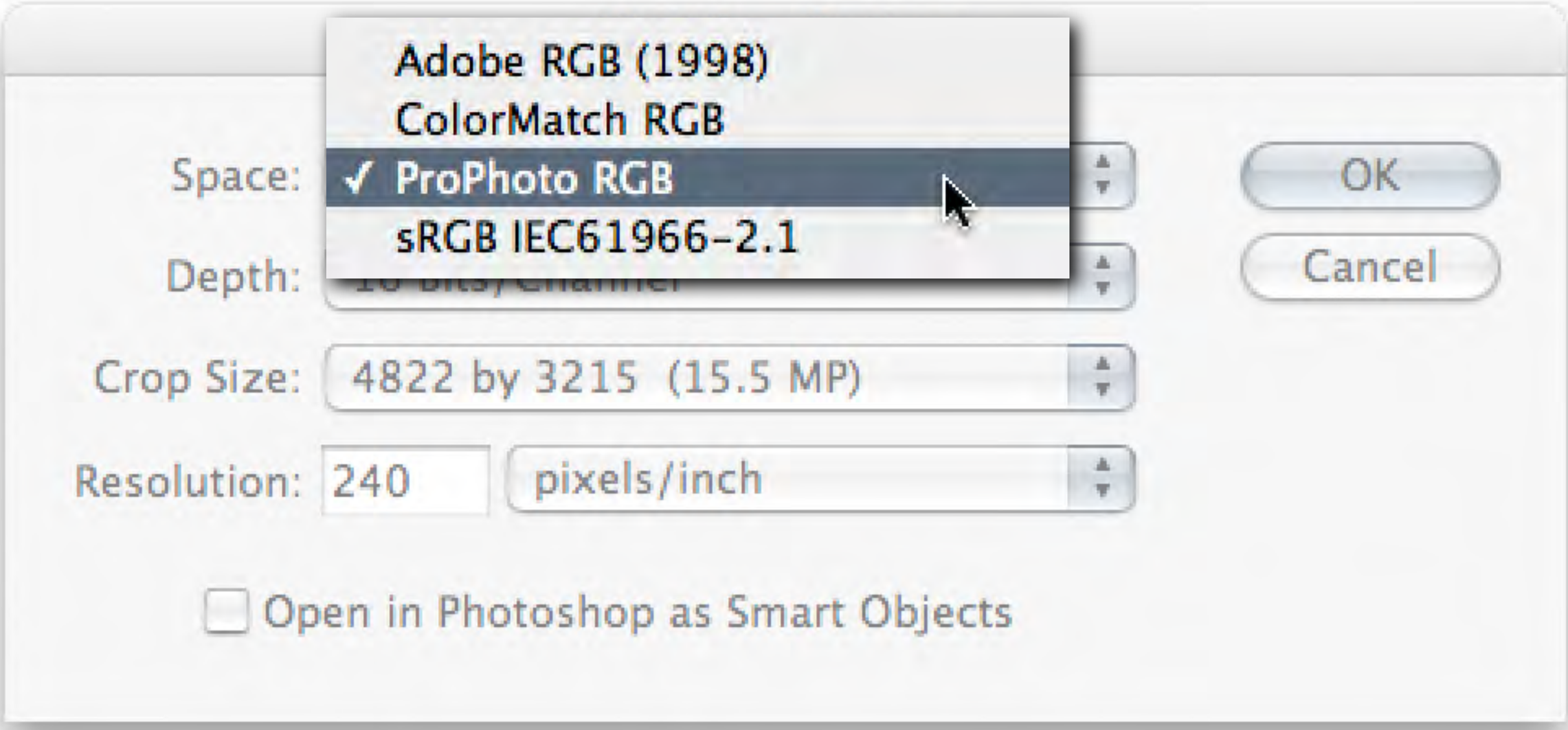
Option (Alt)

Smart Object

Camera Raw Workflow Options

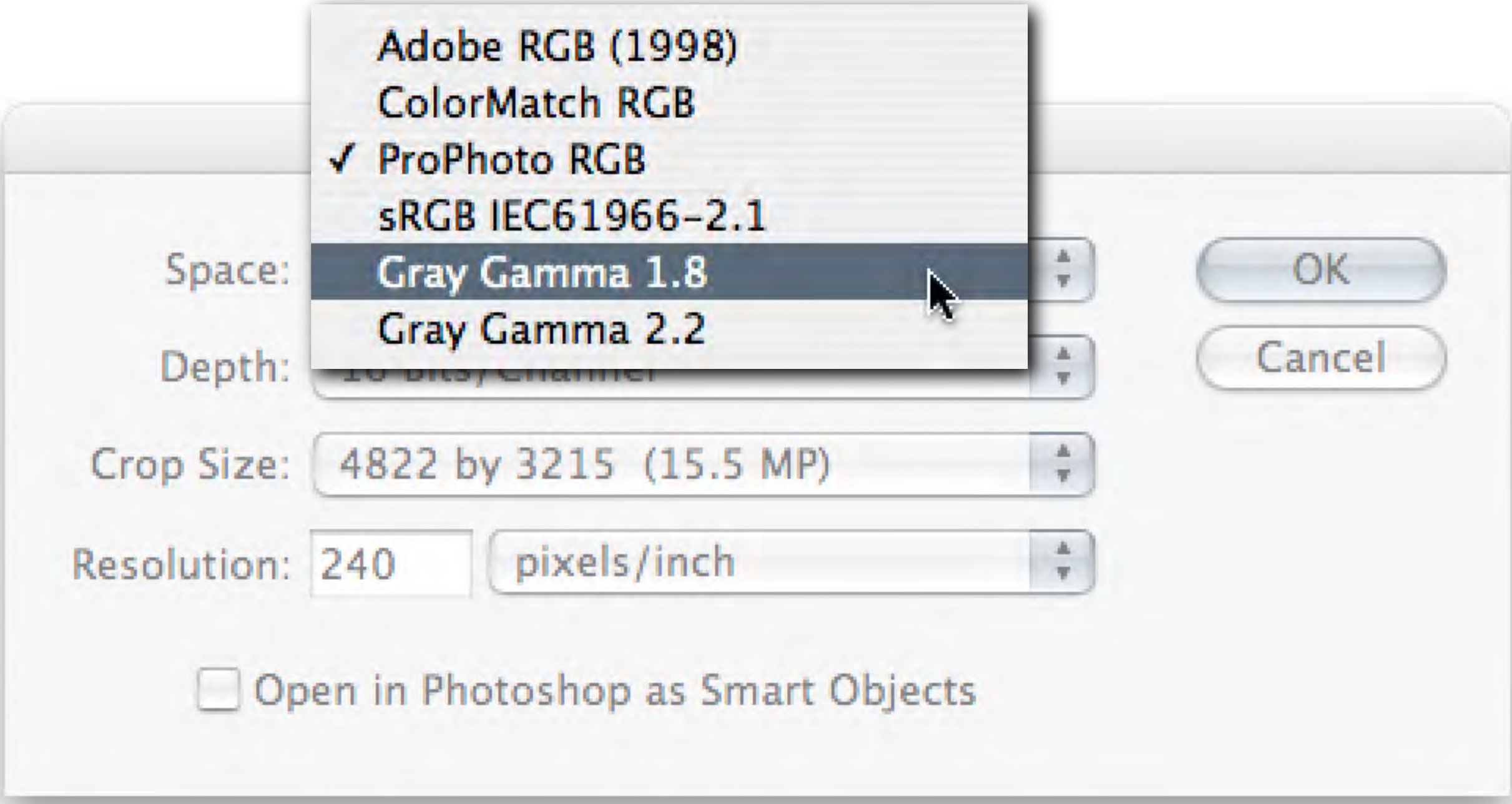


Camera Raw Workflow Options



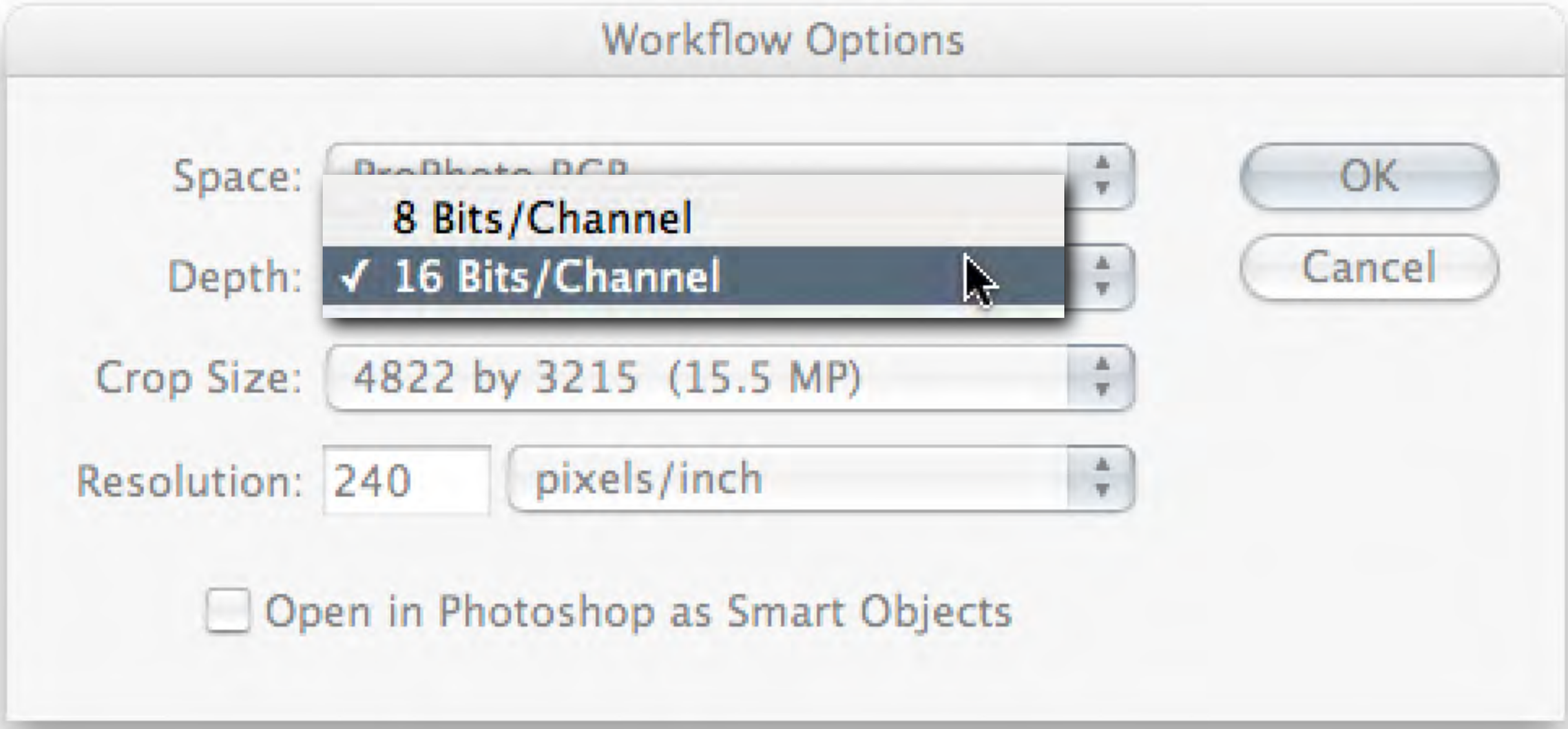
Color Space

Camera Raw Workflow Options



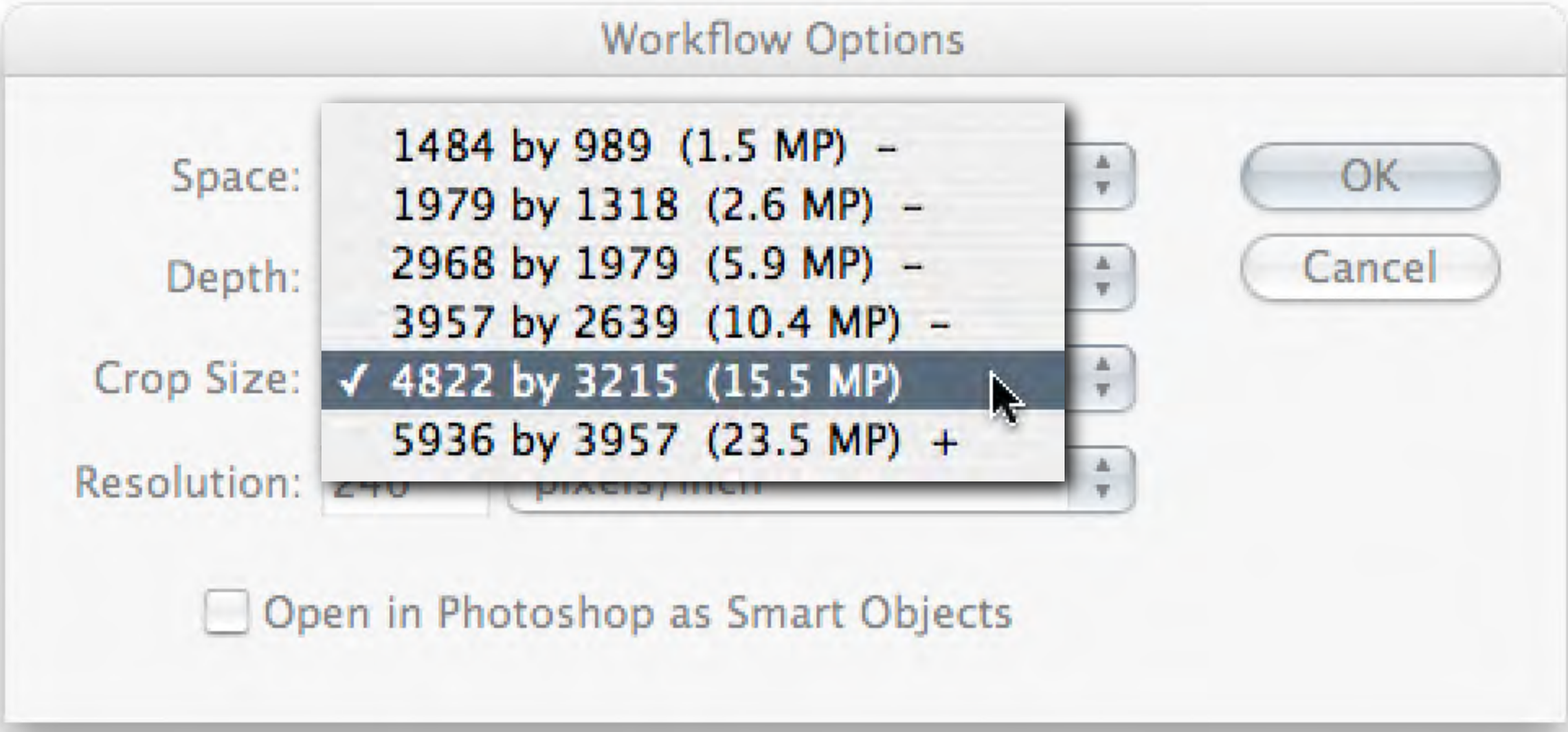
Color Space with Grayscale

Camera Raw Workflow Options



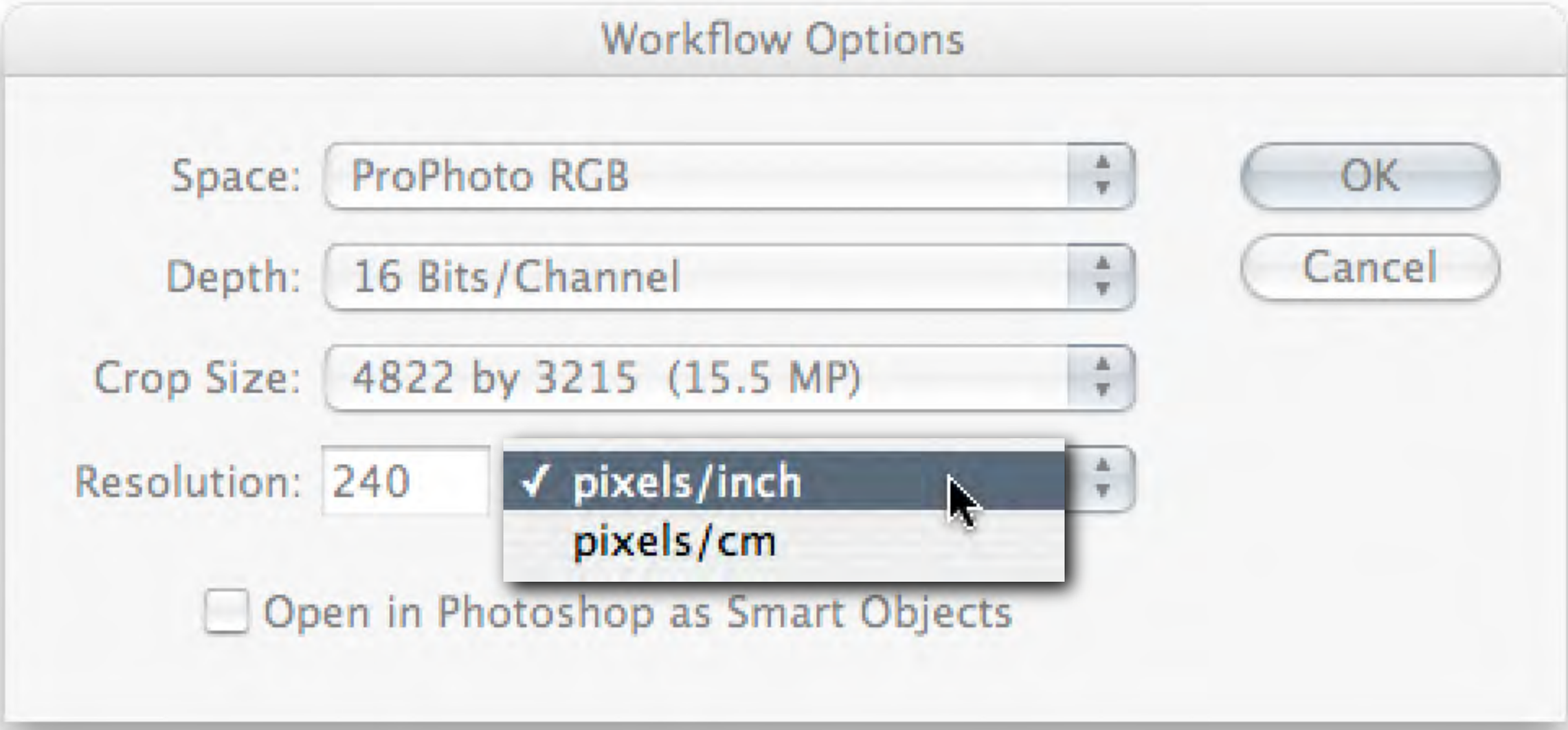
Bit Depth

Camera Raw Workflow Options



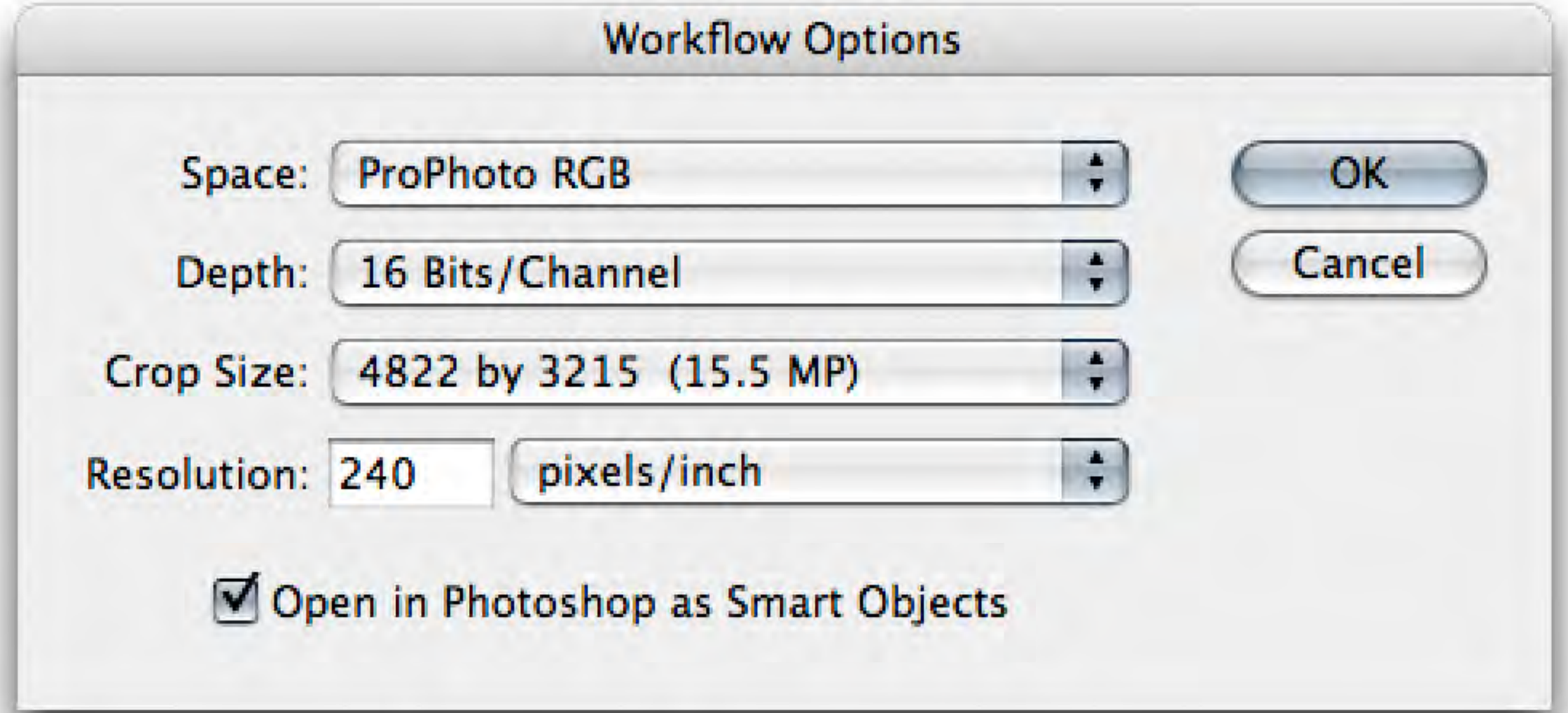
Crop Size

Camera Raw Workflow Options



Units

Camera Raw Workflow Options



Open as Smart Object

Camera Raw Save

Save Options

Destination: Save in New Location

Select Folder... /Volumes/MAIN-RAID/CR-Processed/

Save

Cancel

File Naming

Example: IMG_5241.dng

Document Name + + +

Begin Numbering:

File Extension: .dng

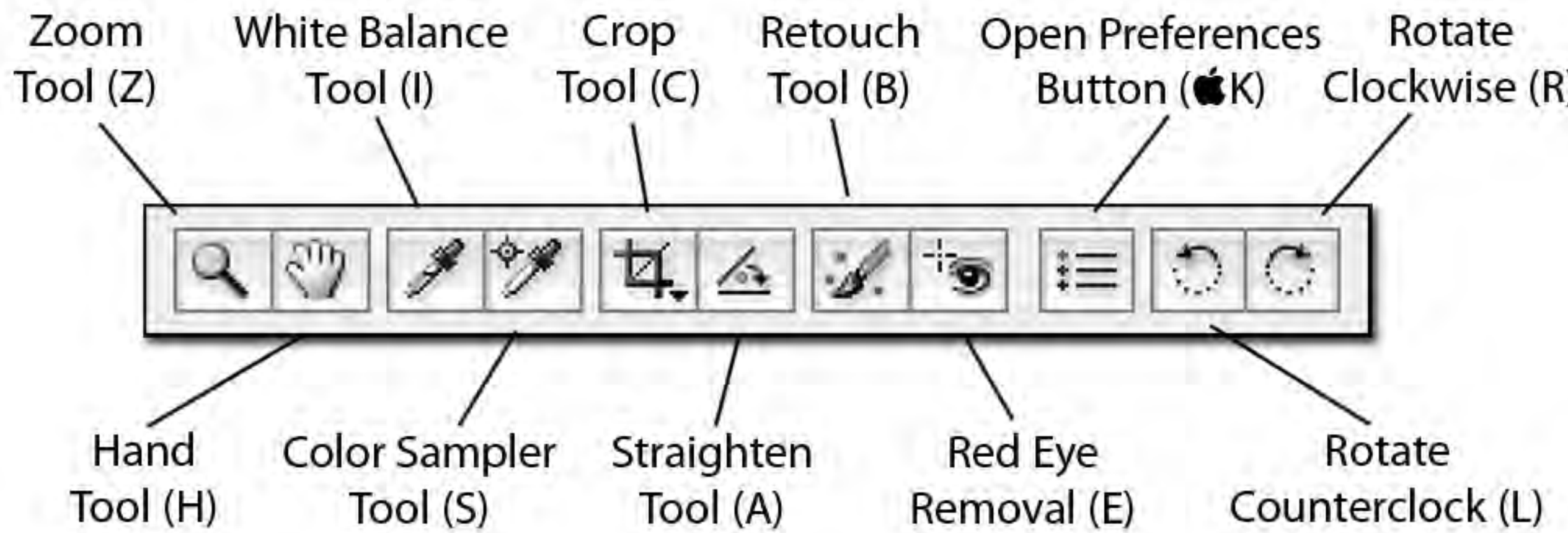
Format: Digital Negative

Compressed (lossless) JPEG Preview: Medium Size

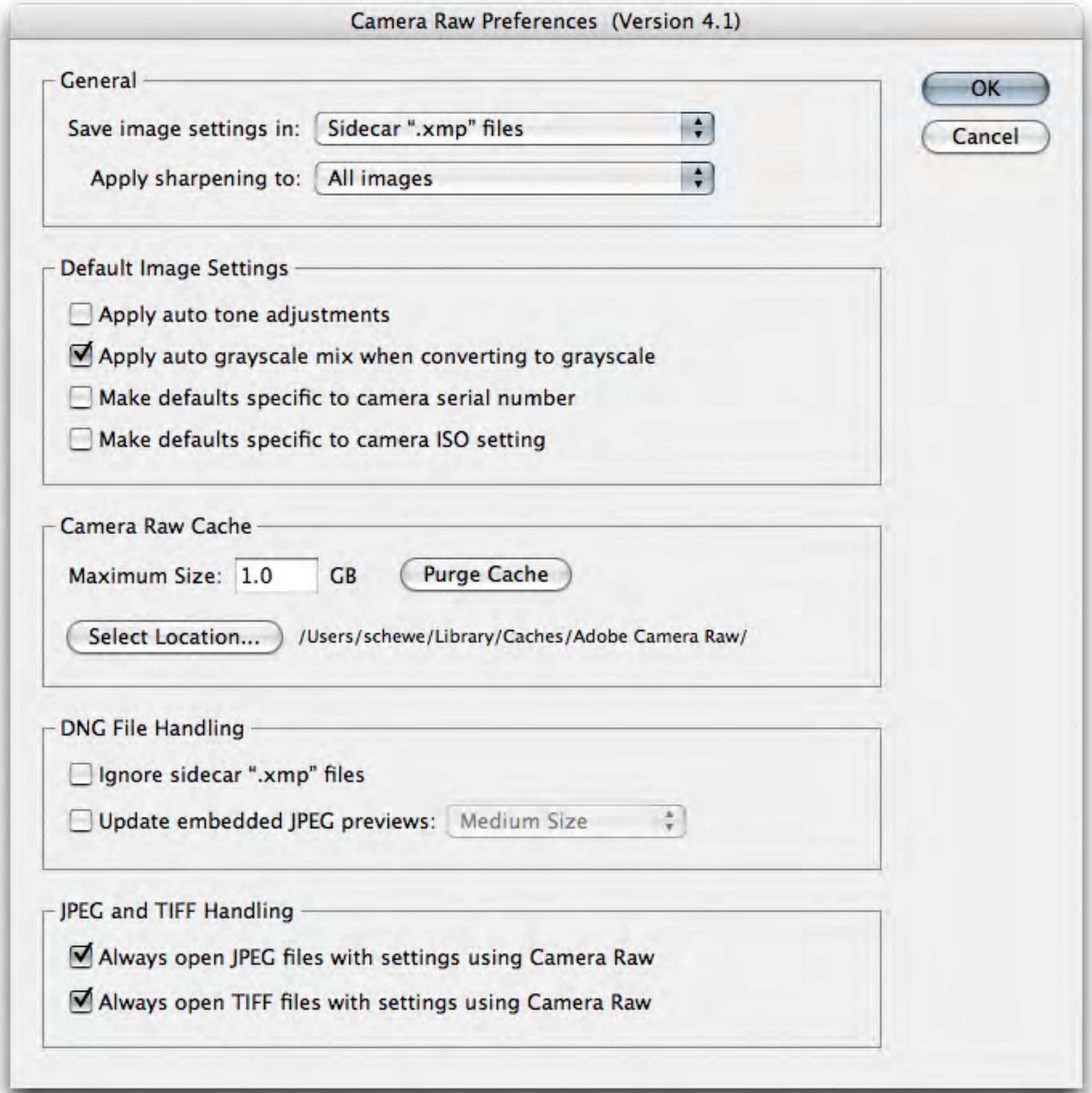
Convert to Linear Image

Embed Original Raw File

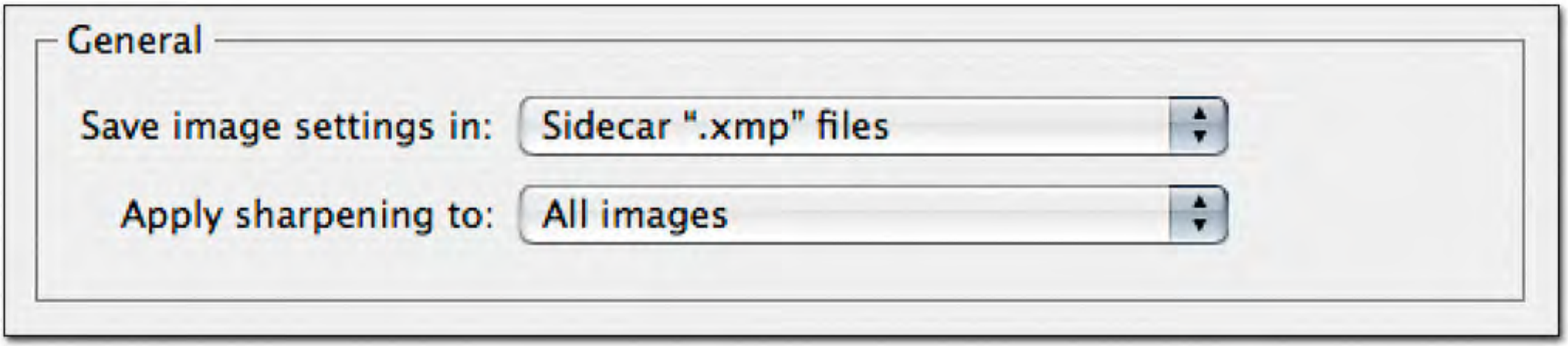
Camera Raw Toolbar



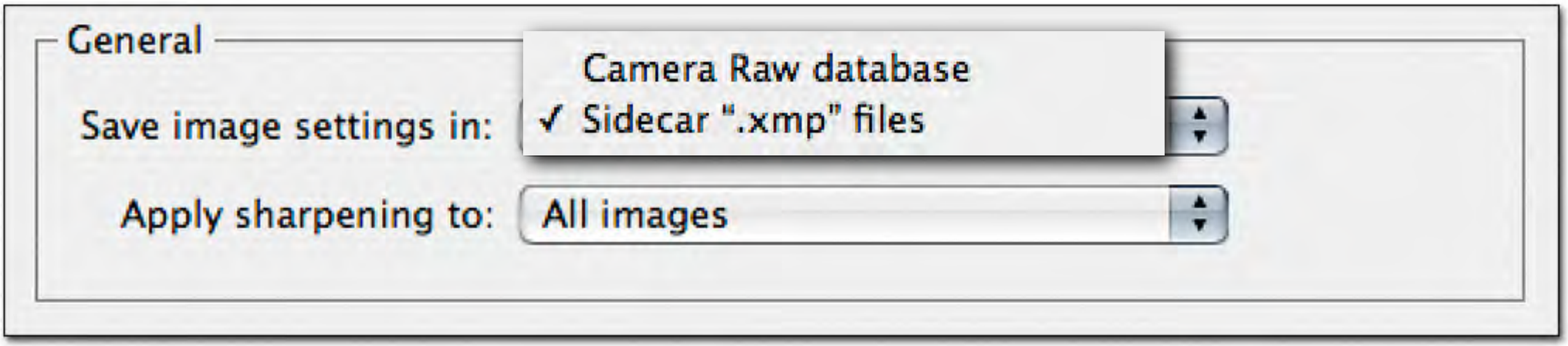
Camera Raw Preferences



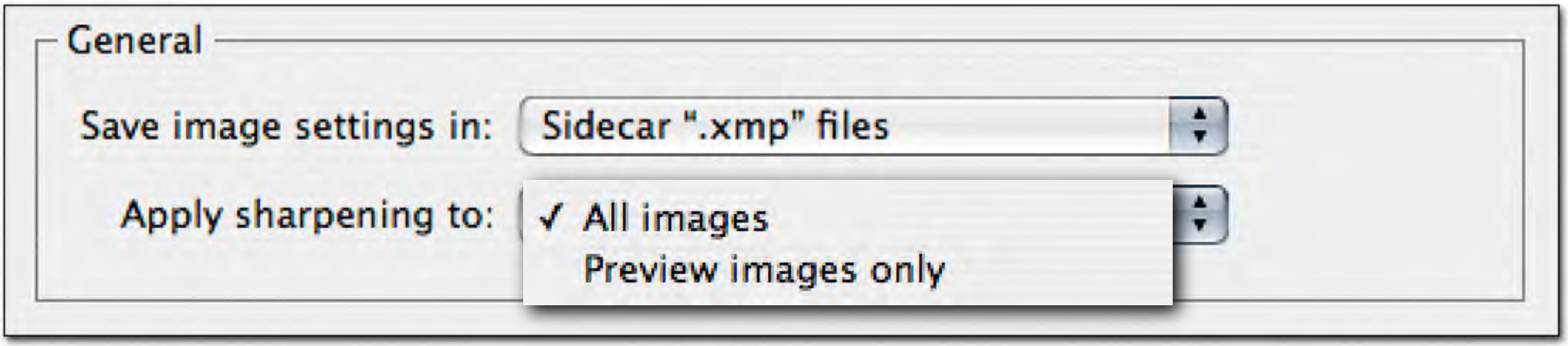
Camera Raw Preferences
General



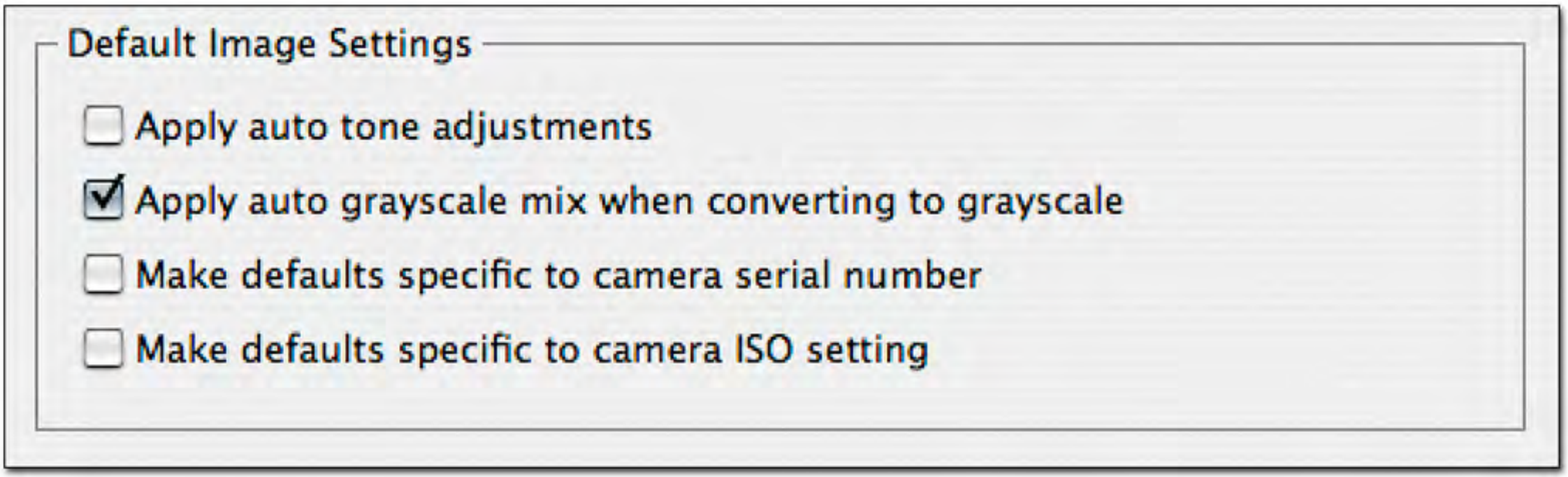
Camera Raw Preferences
General



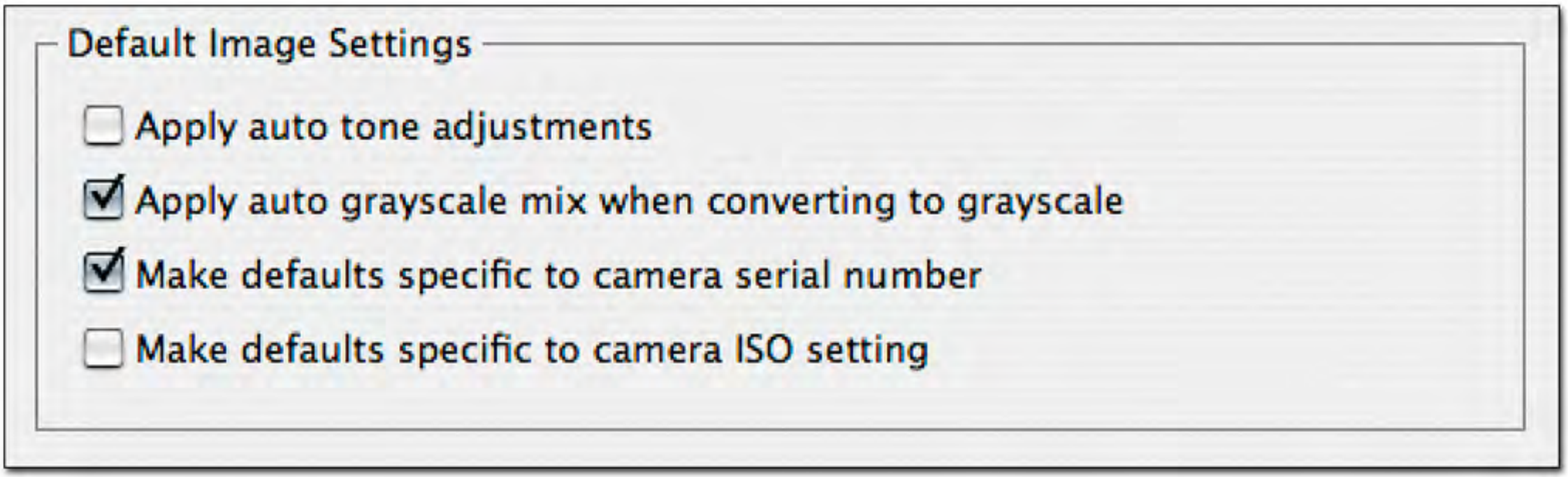
Camera Raw Preferences
General



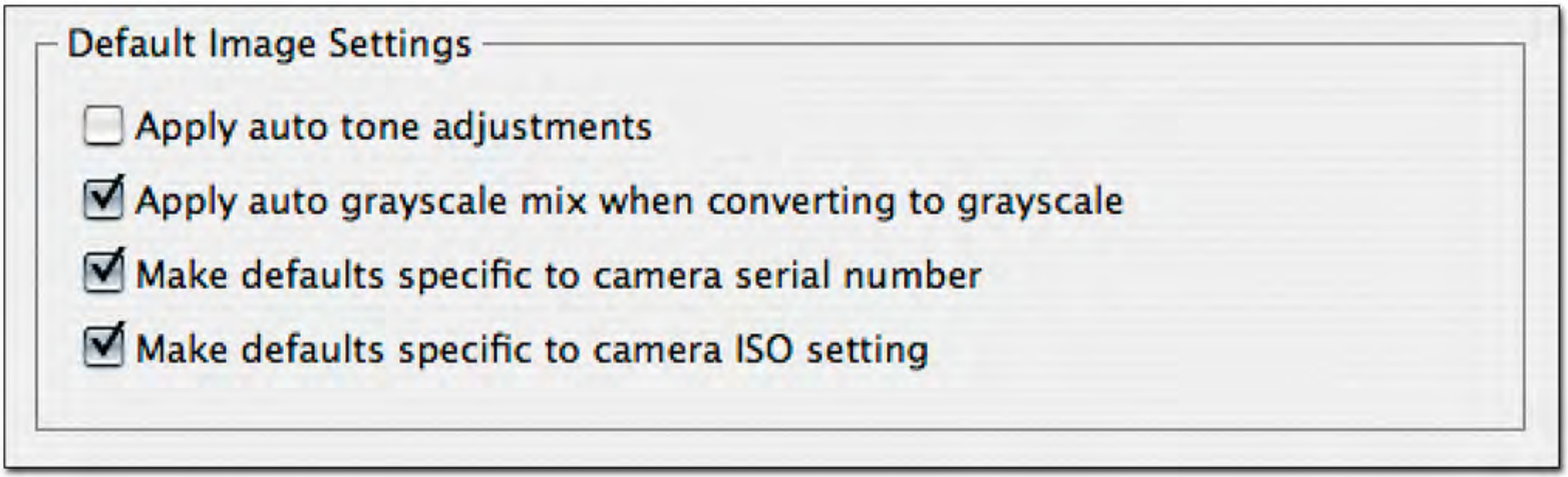
Camera Raw Preferences
Default Image Settings



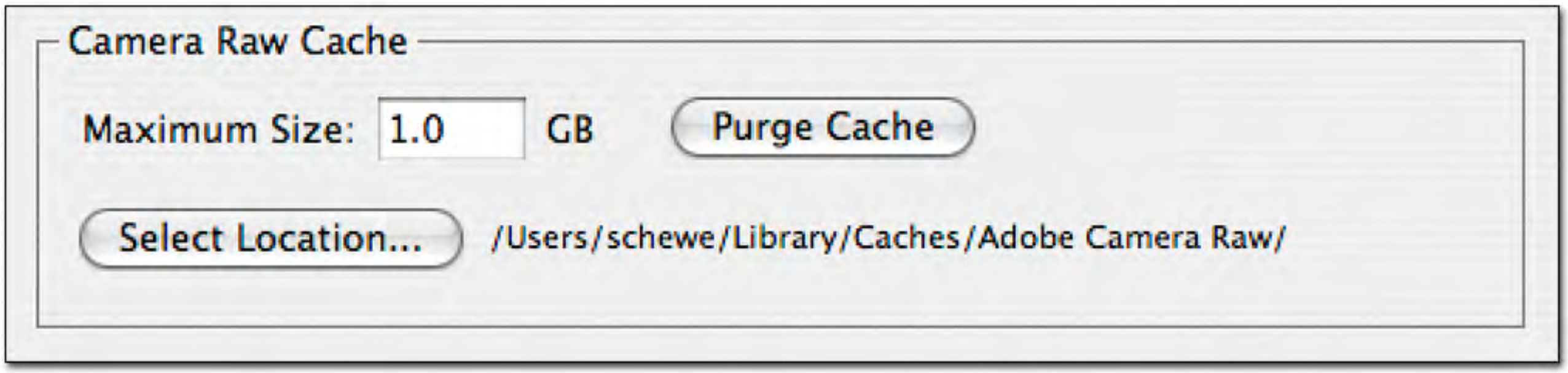
Camera Raw Preferences
Default Image Settings



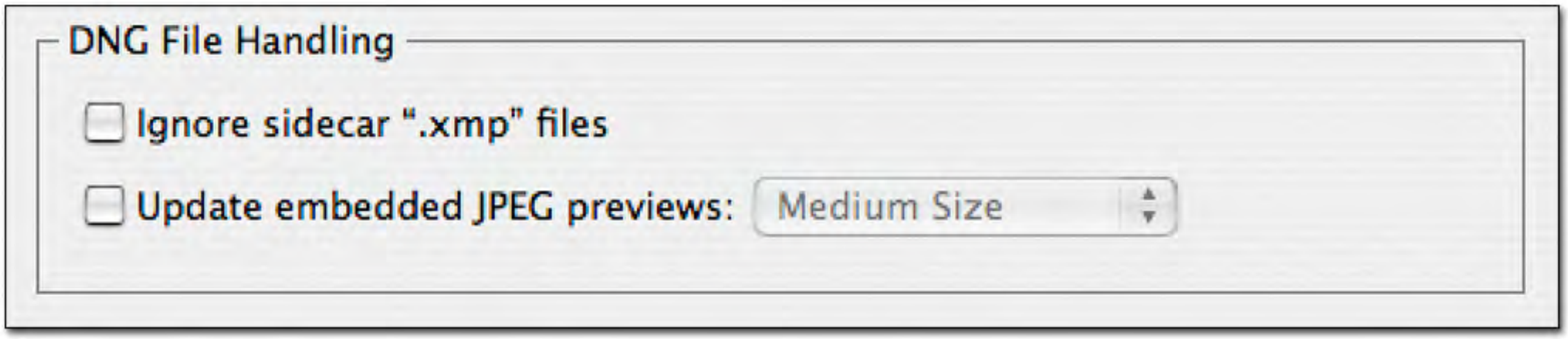
Camera Raw Preferences
Default Image Settings



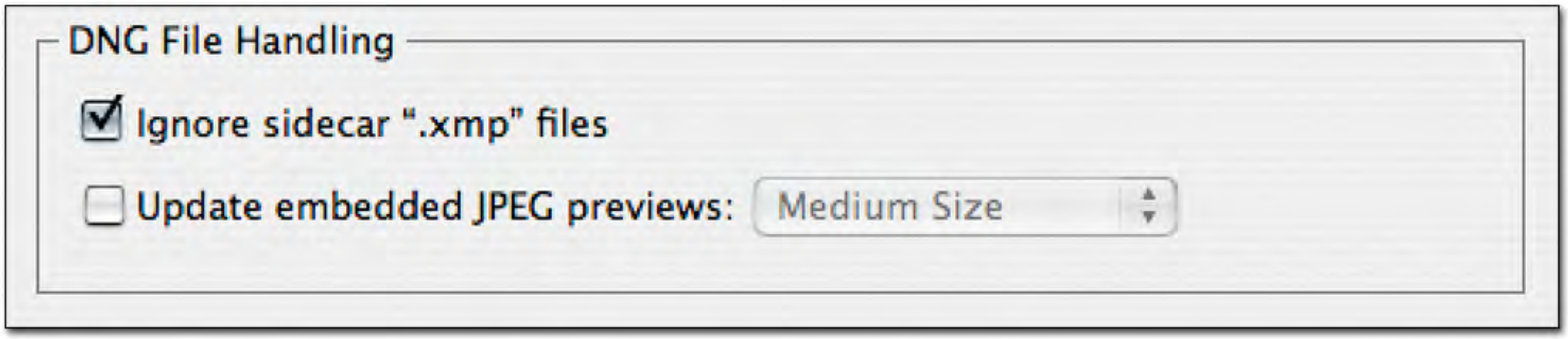
Camera Raw Preferences
Camera Raw Cache



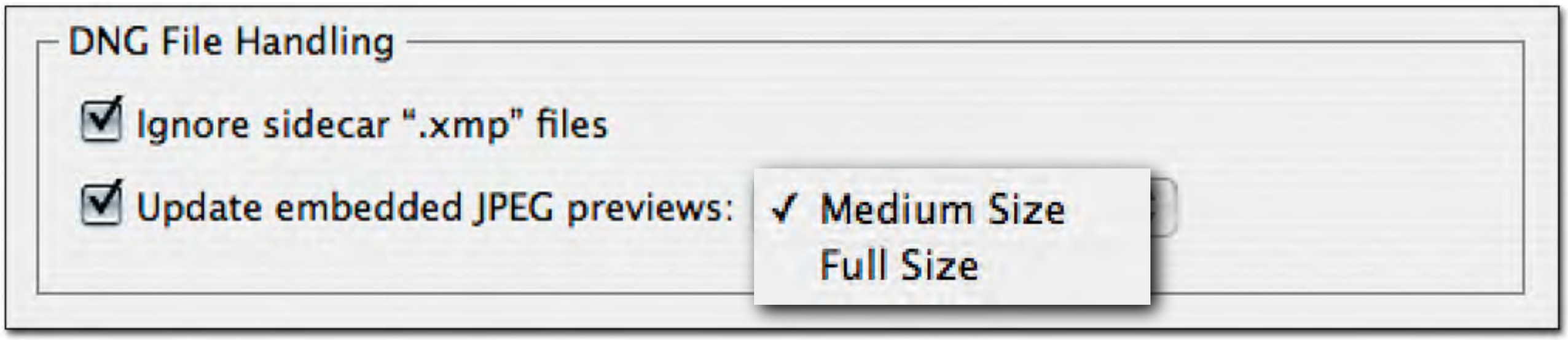
Camera Raw Preferences
DNG File Handling



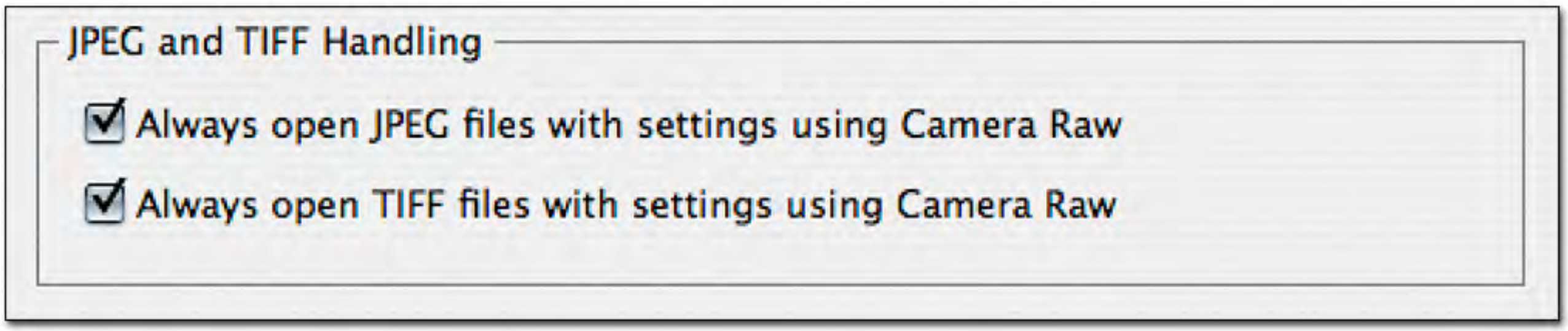
Camera Raw Preferences
DNG File Handling



Camera Raw Preferences
DNG File Handling



Camera Raw Preferences
JPEG and TIFF Handling



Camera Raw
Did You Know?

Scrubby Sliders

Double-Click Reset

Camera Raw
Did You Know?

Working Indicator

Camera Raw
Did You Know?

Highlight/Shadow Clipping Indicators

Camera Raw
Did You Know?

Camera Raw's Maximum Pixel Size

Camera Raw
Did You Know?

Camera Raw's Maximum Pixel Size

10,000 pixels

9,999 x 9,999

Camera Raw
Did You Know?

Camera Raw Home Page

www.adobe.com/products/photoshop/cameraraw

Camera Raw is Updated 3-4 Times/Year

Camera Raw
Did You Know?

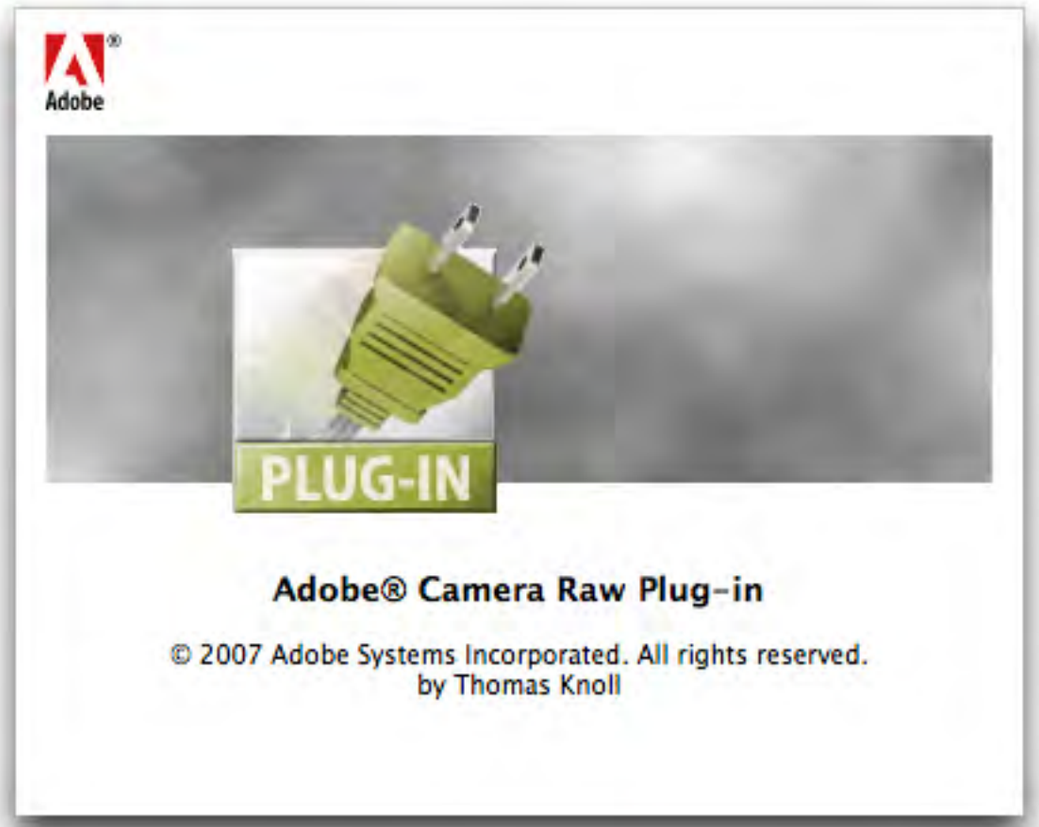
Camera Raw User to User Forum

Visited by Thomas Knoll

(and Jeff Schewe)

REAL WORLD

Adobe Photoshop



Camera Raw

By Bruce Fraser & Jeff Schewe