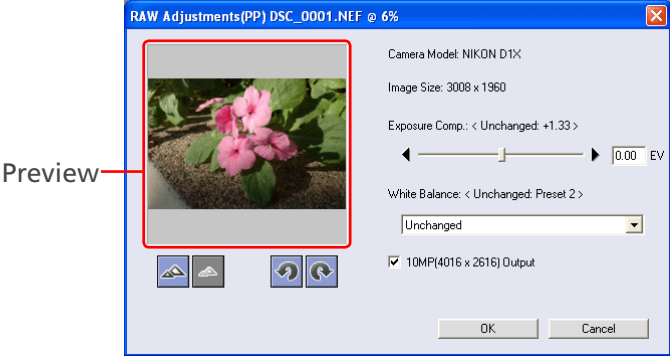# The Nikon NEF Plug-in

The Nikon NEF Plug-in allows RAW pictures taken with Nikon digital cameras to be viewed in Adobe Photoshop. If the plug-in is installed, the following dialog will be displayed when a RAW image is opened in Adobe Photoshop.

Preview

After adjusting settings (see right), click **OK** to open the picture. Click **Cancel** to exit without opening the picture.

✎ Opening Modified Pictures

If the picture has been modified using other Nikon software, the dialog shown at right will be displayed. Pictures modified in Capture NX can not be opened using the NEF plug-in.

This NEF image has been edited with applications.
The displayed image is the edited image recorded in the file.(PP)

✎ Bit Depth

RAW pictures viewed using the Nikon NEF Plug-in will be opened at a bit-depth of eight bits. Use Nikon Capture 4.1 or later to open RAW images at a bit-depth of sixteen bits.

🔍	Zoom preview in.	🔍	Zoom preview out.
↺	Rotate preview 90° counterclockwise.	↻	Rotate preview 90° clockwise.

Camera Model	Model of camera used to take picture.
Image Size	Size of picture (width × height) in pixels.
Exposure Comp.	Adjust exposure using slider or by entering value between –2 and +2 EV in text box. **Unchanged** lists exposure compensation value at time picture was taken.

White Balance

Choose new value for white balance by selecting option from menu. **Unchanged** lists white balance setting in effect at time picture was taken.

Option	Description
Unchanged	No change.
Incandescent	New value suited to incandescent lighting.
Fluorescent	New value suited to white fluorescent lighting.
High color rendering fluorescent	New value suited to "cold" fluorescent lighting.
Daylight	New value suited to direct sunlight.
Shade	New value suited to outdoor shade.
Cloudy	New value suited to overcast conditions.
Flash	New value suited to Nikon Speedlights.

10MP (4016 × 2616) Output	Open picture at size of 4016 × 2616 pixels (available only if picture was taken with D1x).

The Nikon NEF Plug-in

Installing the Nikon NEF Plug-in

Two Photoshop plug-ins are included with PictureProject: a **Nikon NEF Plugin LE** plug-in for viewing RAW images, and a **Nikon YCC TIFF** plug-in for viewing YCbCr-TIFF images (in Windows, these files have the extension "*.8bi"). These plug-ins can be used with Adobe Photoshop Elements version 2.0 or later and with Adobe Photoshop version 6.0 or later (Windows) or 7.0 or later (Macintosh).

Both plug-ins are copied to the PictureProject application folder when PictureProject is installed (in the Macintosh version, the plug-ins are copied to the "File formats" folder in the PictureProject application folder). If a copy of Photoshop is detected at installation, the plug-ins will also be copied to the Photoshop plug-ins folder. Users who install Photoshop after installing PictureProject should first uninstall PictureProject, and then reinstall PictureProject when installation of Photoshop is complete.