

Adobe Photoshop CS2

Color Settings

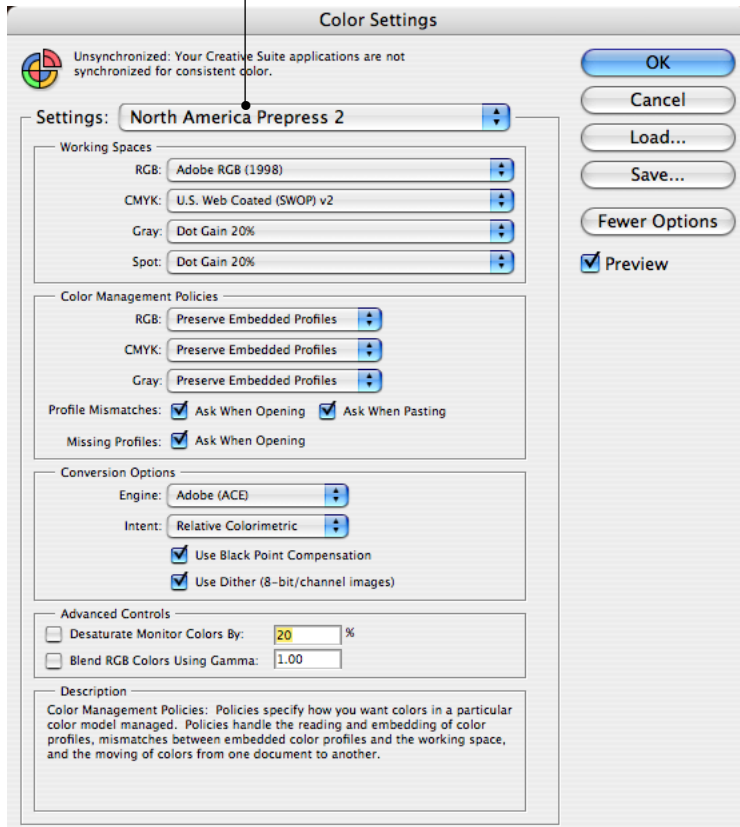
Quick Tips

Best Practices for Basic Color Management

Color Settings

The Color Settings dialog box lets you set the default working spaces for RGB, CMYK and Grayscale. It allows you to set Color Management Policies, which dictate how Photoshop uses (or ignores) embedded profiles in images. It also allows you to set warnings for missing or mismatched profiles.

- 1 Choose Color Settings from the Edit menu. Then choose North America Prepress 2 from the Settings pop-up menu.



Technical Support

If you have any questions, please contact James Wamser (262) 317-8272 (wamser@sells.com)

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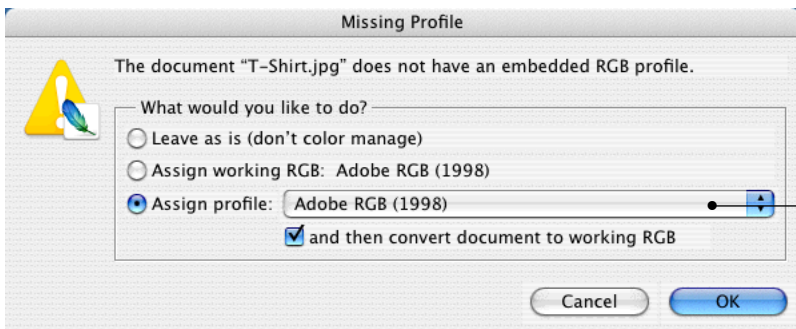
Best Practices for Basic Color Management

Profiles

When working in a color managed environment, ICC profiles must be embedded in all images, regardless of color space. You will encounter images that either have no profile, or a profile that does not match your desired working space.

Missing Profile – RGB

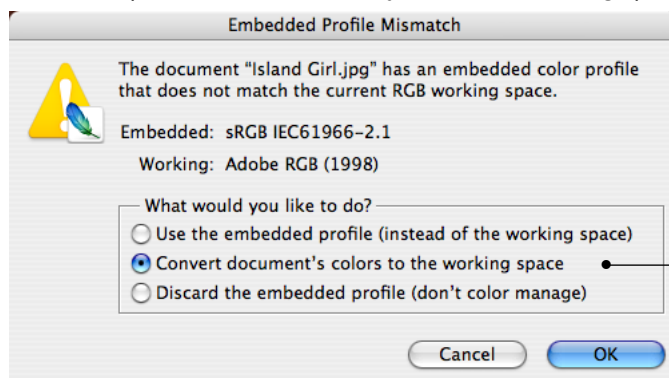
When opening an RGB image, you may encounter the Missing Profile dialog box.



Choose Assign profile: Adobe RGB (1998). Make sure you also check “ and then convert document to working RGB”

Embedded Profile Mismatch – RGB

When opening an RGB image, you may encounter the Embedded Profile Mismatch dialog box. This indicates the embedded profile does not match your desired working space.



Choose Convert document's colors to the working space.

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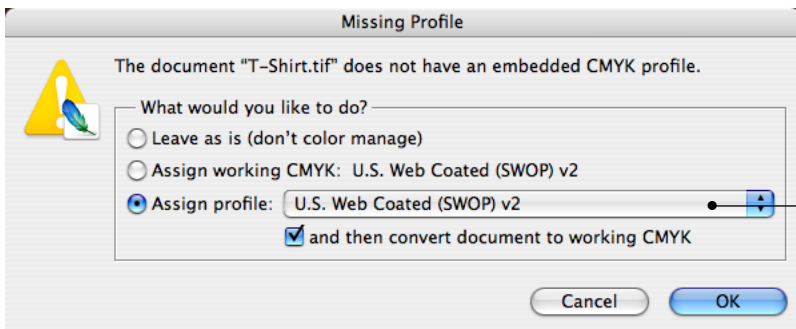
Best Practices for Basic Color Management

Profiles

When working in a color managed environment, ICC profiles must be embedded in all images, regardless of color space. You will encounter images that either have no profile, or a profile that does not match your desired working space.

Missing Profile – CMYK

When opening a CMYK image, you may encounter the Missing Profile dialog box.

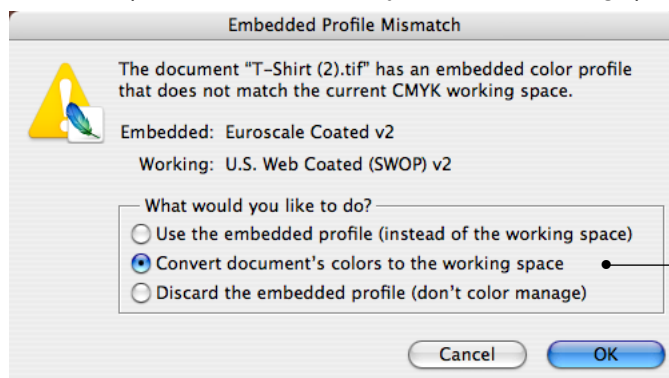


Choose Assign profile: U.S. Web Coated (SWOP) v2. Make sure you also check “and then convert document to working CMYK”

The Mismatch Profile dialog appears whenever an image is missing a profile.

Embedded Profile Mismatch – CMYK

When opening a CMYK image, you may encounter the Embedded Profile Mismatch dialog box. This indicates the embedded profile does not match your desired working space.



Choose Convert document's colors to the working space.

The Embedded Profile Mismatch dialog appears whenever an embedded profile differs from the working space profile.

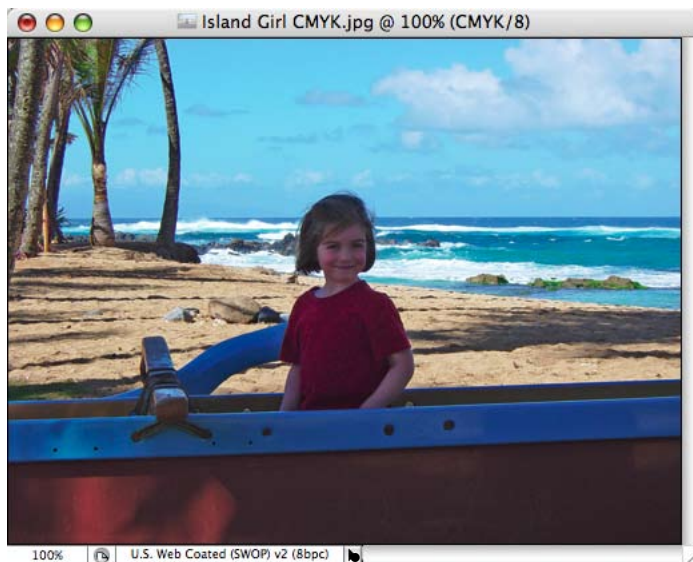
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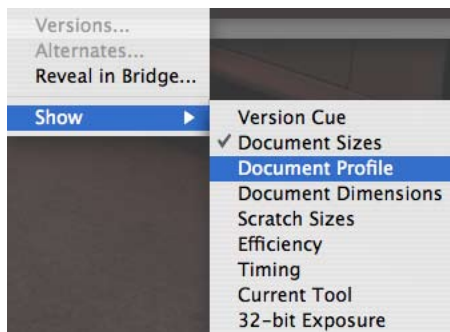
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Tagged and Untagged Images

Untagged images (images with no embedded profile) are displayed using whatever profile is established in your Photoshop Color Settings. If you change working spaces, Photoshop reinterprets the image as being in the new working space. Tagged images (images with an embedded profile) stay in the color space represented by the embedded profile unless you convert to another space.



To determine if an image has an embedded profile, choose **Show > Document Profile** from the bottom of the image.



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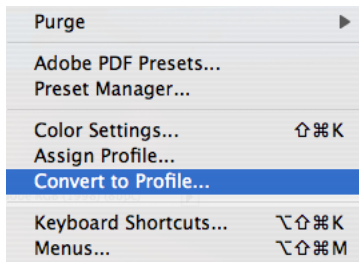
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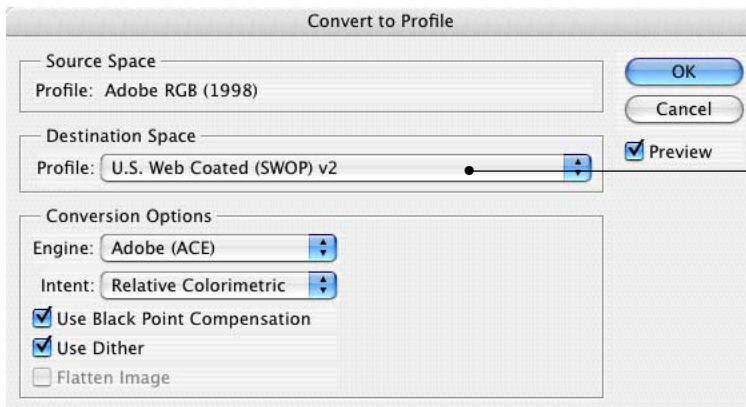
Converting your image

CMYK images are required when furnishing your images to Sells for final output. In Photoshop, you convert an image from RGB to CMYK by choosing (Image > Mode > Convert to Profile).



Convert to Profile

In this example, we are using the Convert to Profile dialog box to go from an RGB color space to a CMYK color space. You could also use the Convert to Profile to do CMYK to CMYK conversions and RGB to RGB conversions.



Use these settings:
(U.S. Web Coated (SWOP) v2

An image can be converted from one color space to another using the Convert to Profile dialog box.

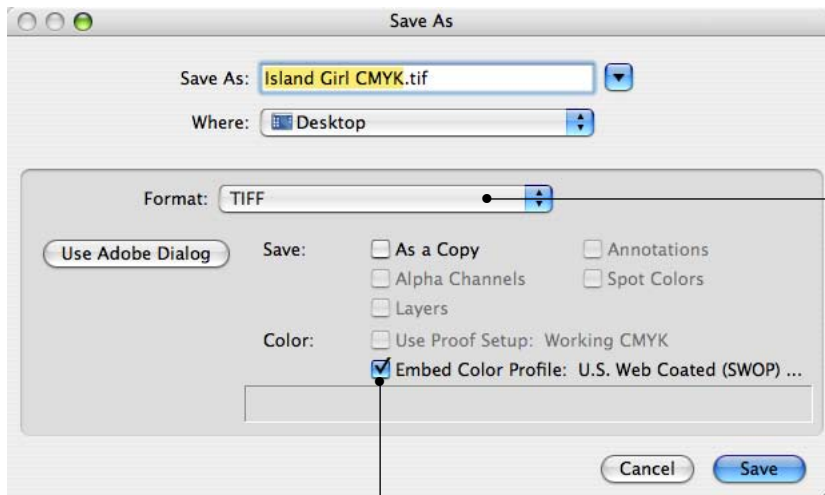
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Saving your image

When saving your image, make sure you always embed a profile. We recommend embedding US Web Coated (SWOP) v2.



If you are using InDesign, save as psd (Photoshop document), otherwise save as a TIFF (unless your image contains a spot channel, then save as DCS 2.0).

Make sure you check the Embed Color Profile check box.

Recommended Books

Real World Color Management, Second Edition (Bruce Fraser, Chris Murphy and Fred Bunting)

Understanding Color Management (Abhay Sharma)