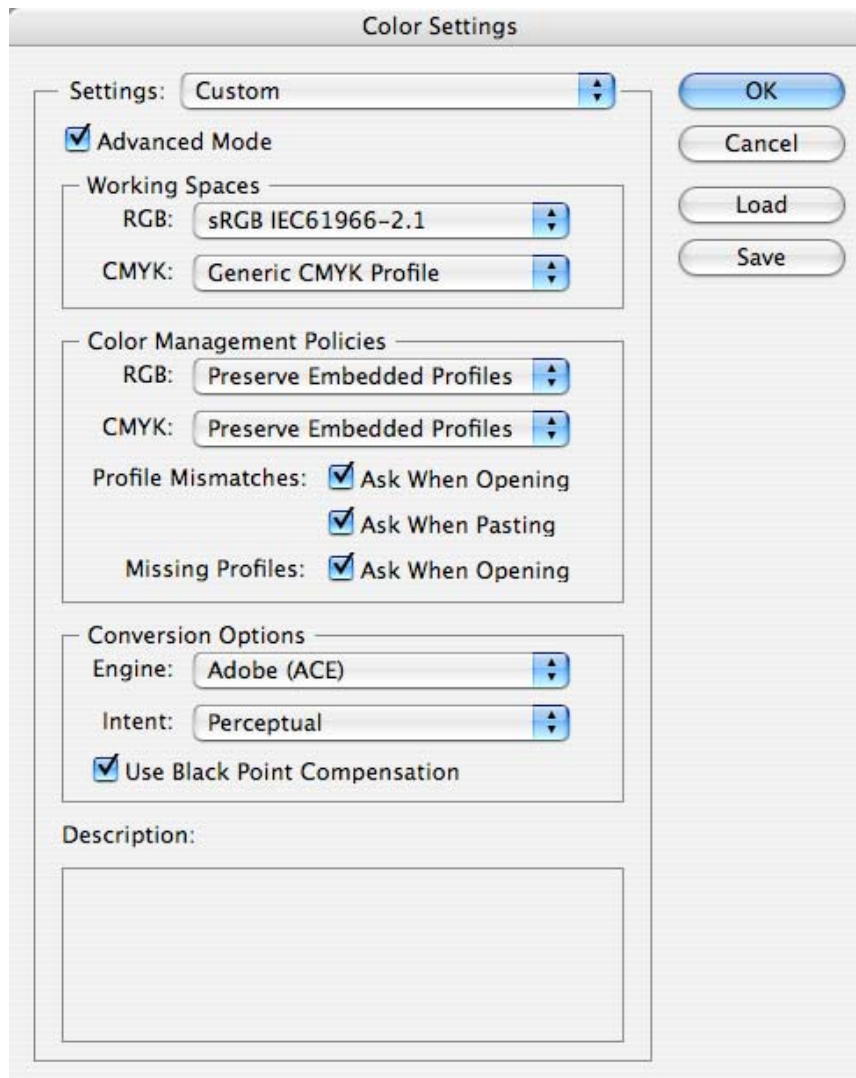# Printing a photo

Application: Adobe Illustrator CS
Printer: HP Designjet 30/90/130 series
Software: HP Driver
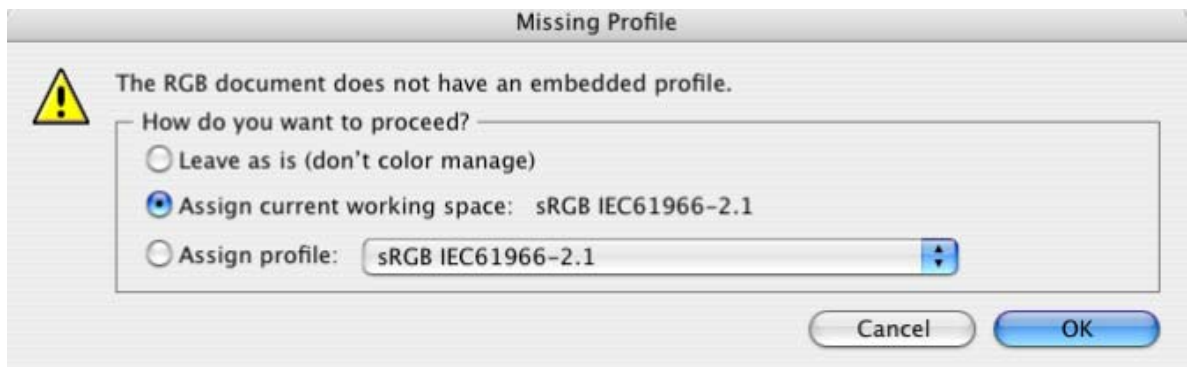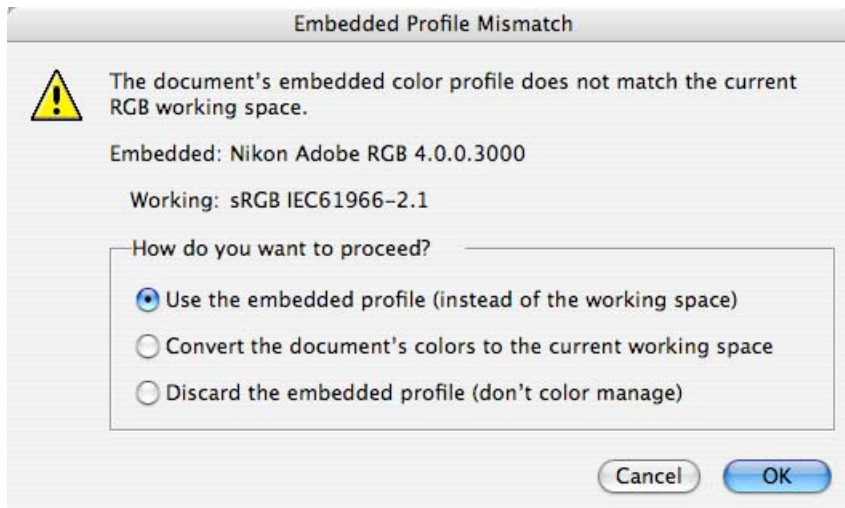*Operating System:* Mac OS X

1. First recommendations:

   - See the [Media type functionality & features](#) and choose the most appropriate media.
   - It is essential to have the media type correctly calibrated with the printer and print mode, consult the [Calibrate my printer](#) section.
   - In order to get a correct display, it's also essential to have the monitor calibrated, consult the [Profile my monitor](#) section.

2. Open Adobe Illustrator CS.

3. Configure the **Color Settings, Edit menu > Color Settings…**:

   - Make sure the **Advanced Mode** check box is ticked.
   - **Working Space > RGB**: select profile of the scanner or camera you have used to get the photo (source profile), if you don't have it, select sRGB IEC61966-2.1 (1998).
   - **Color Management Policies**: Preserve the Embedded Profiles.
   - **Profile Mismatches**: check **Ask When Opening** and **Ask When Pasting**.
   - **Missing Profiles:** check **Ask When Opening.**
   - **Conversion Options > Intent**: Perceptual.

   - Click **OK**
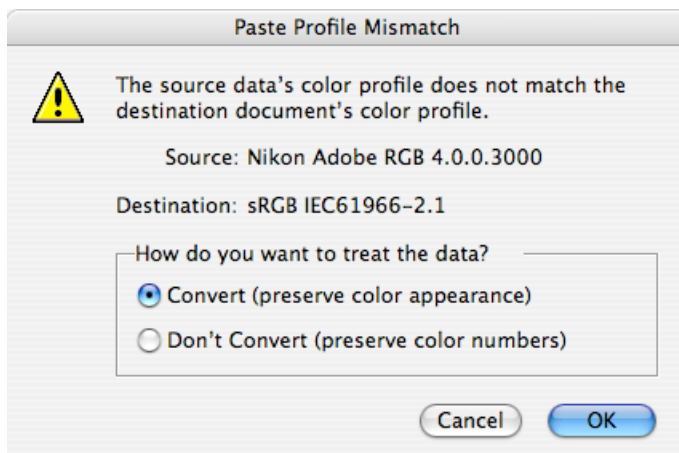
4. Open the image, **File menu > Open**…:

- If the document has an embedded color profile that does not match the current working space, select **Use the embedded profile**. Otherwise, select **Assign working space**.

Embedded Profile Mismatch

⚠️ The document's embedded color profile does not match the current RGB working space.

Embedded: Nikon Adobe RGB 4.0.0.3000

Working: sRGB IEC61966–2.1

How do you want to proceed?

◉ Use the embedded profile (instead of the working space)

○ Convert the document's colors to the current working space

○ Discard the embedded profile (don't color manage)

(Cancel) (OK)

Missing Profile

⚠️ The RGB document does not have an embedded profile.

How do you want to proceed?

○ Leave as is (don't color manage)

◉ Assign current working space: sRGB IEC61966–2.1

○ Assign profile: [sRGB IEC61966–2.1 ▲▼]
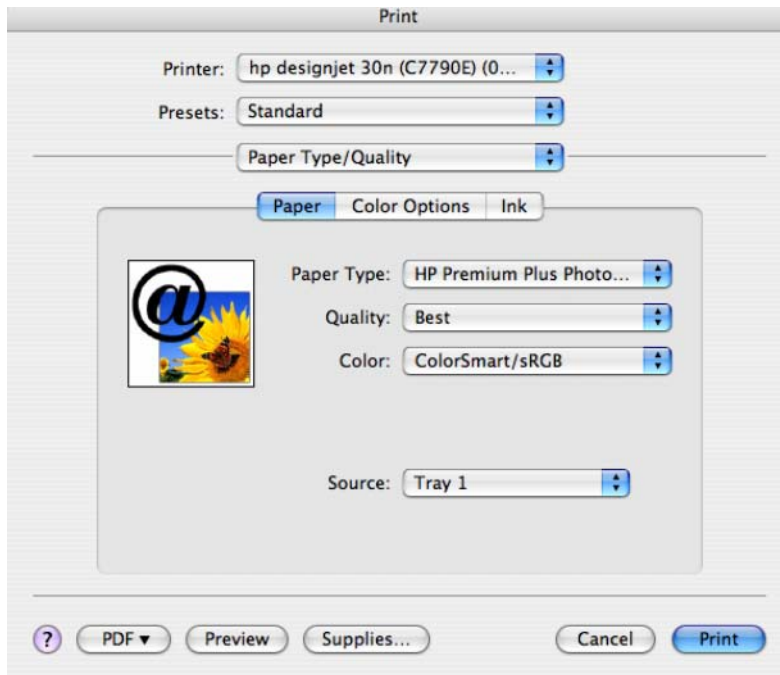
(Cancel) (OK)

- Click **OK**

5. If you place an image, you can embed the image in the document. If it has an embedded profile, it will be converted from the embedded color profile to the document color profile preserving the color appearance. If it doesn't have an embedded color profile, Illustrator will assign the document color profile.

- **File menu > Place…**: browse the image and uncheck the **Link** checkbox. If you are ask **How do you want to treat the data?** Select **Convert**.

Paste Profile Mismatch

⚠️ The source data's color profile does not match the destination document's color profile.

Source: Nikon Adobe RGB 4.0.0.3000

Destination: sRGB IEC61966–2.1

How do you want to treat the data?

◉ Convert (preserve color appearance)

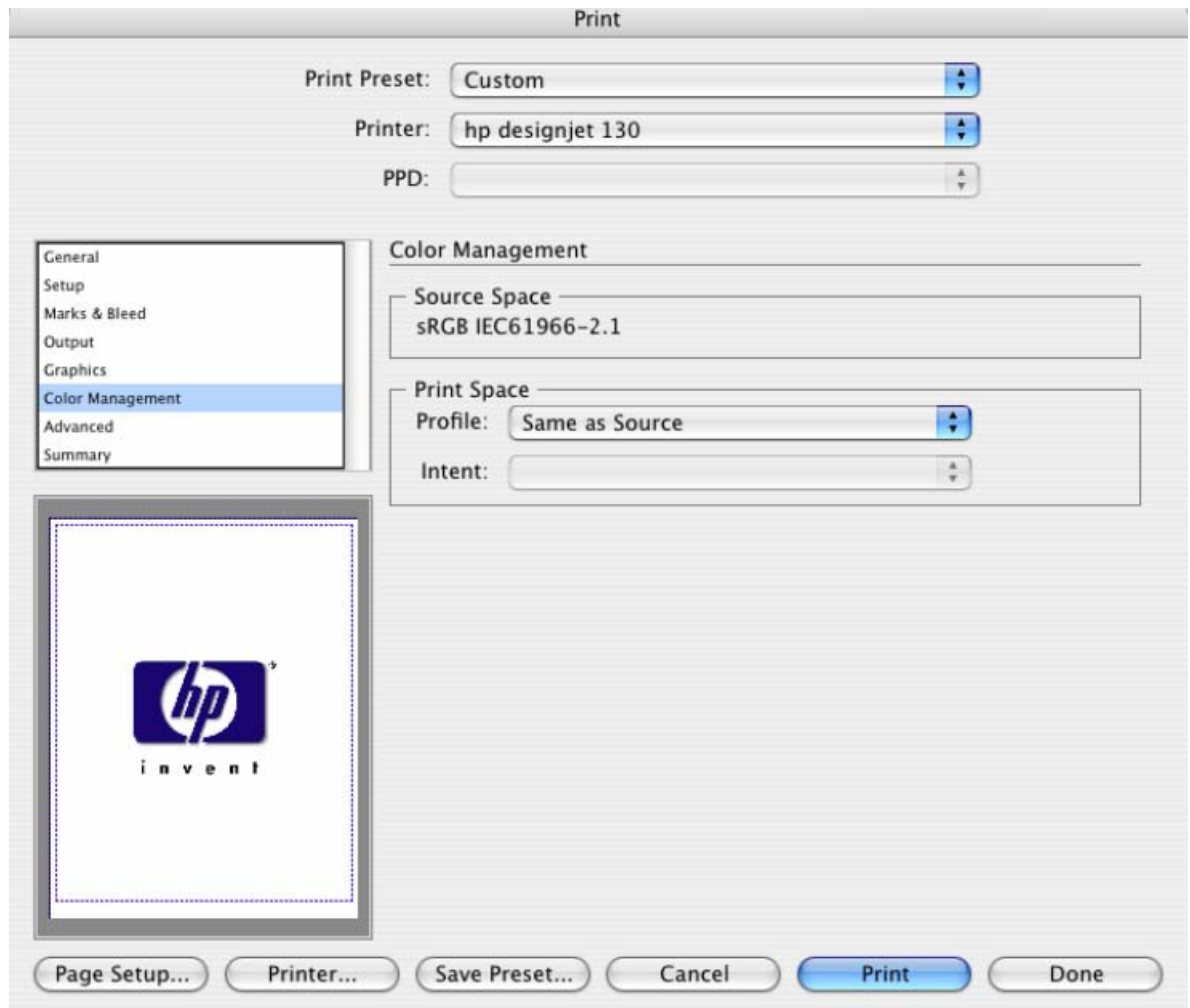○ Don't Convert (preserve color numbers)

(Cancel) (OK)

- Click **OK**.

6. Make sure you have configured the **Document Setup** appropriately for your document, **File menu > Document Setup...**.

7. Driver Settings, **File menu > Print...**:

   - **Printer:** Select the printer (ex. hp designjet 130).

   - **Page Setup...:**

     o **Format for:** Select the printer.

     o **Paper Size**: Select the paper size of the media loaded on the printer.

     o **Orientation:** Select the orientation of your image on the paper.

     o Click **OK**.

   - **Printer...** button:

     o **Paper Type/Quality > Paper tab**:

       - **Paper Type:** Select the media type that is loaded on the printer.

       - **Quality:** Best.

       - **Color:** ColorSmart/sRGB.

   - Click **Print**.

8. Adobe Illustrator **Print...** settings:

   - **General** (left hand menu):

     o **Media > Size:** Defined by Driver.

     o **Options:** Select the scaling option you need.

   - **Color Management** (left hand menu):

     o **Print Space > Profile**: Same as source.

- Click **Print.**

You should consider that each person has their own perception and their own subjective opinion about the result; this is because there are various factors that can influence our opinions, such as the type of photo (portrait, landscape…), the source color space, the media used, the environmental conditions, the subjective perception about your own photo, etc…. This means the printing suggestion may not completely match with your own personal opinion. We recommend that you consider the next printing workflow and then choose the one that you prefer: Printing a Photo (Alternative Workflow).

For more information on HP Designjet products

www.hp.com/go/designjet

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