HP LF Printing Knowledge Center

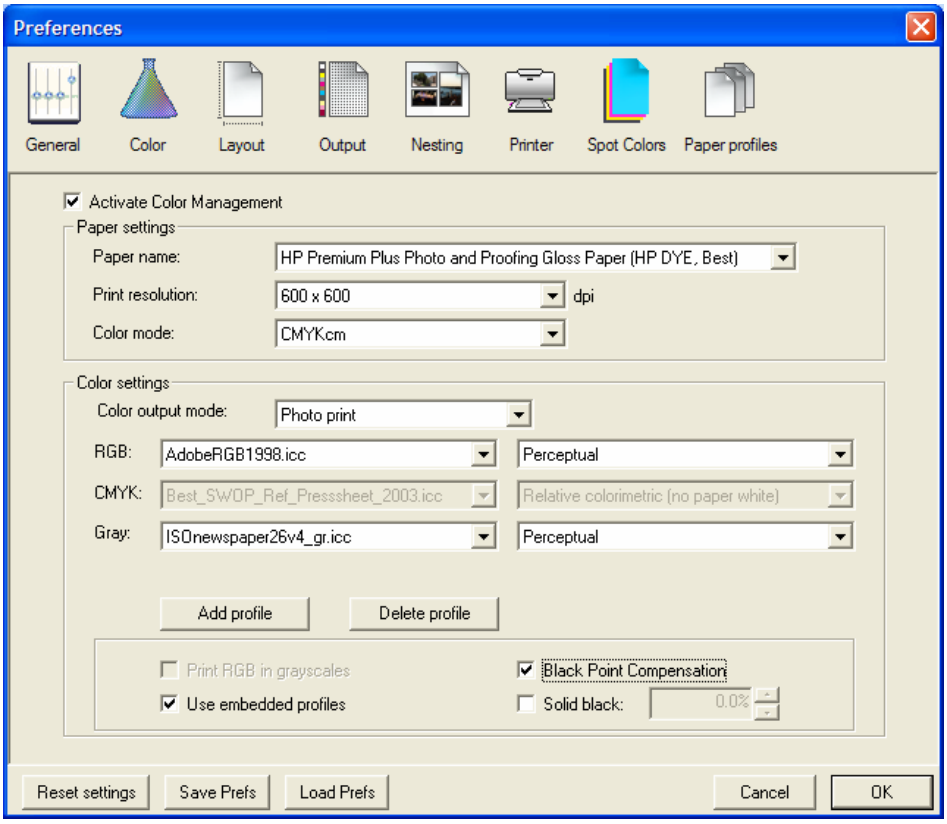


Proof the output on the monitor

Application: Adobe Illustrator CS
Printer: HP Designjet 30/90/130 series
Software: EFI Designer Edition for HP
Operating System: Windows

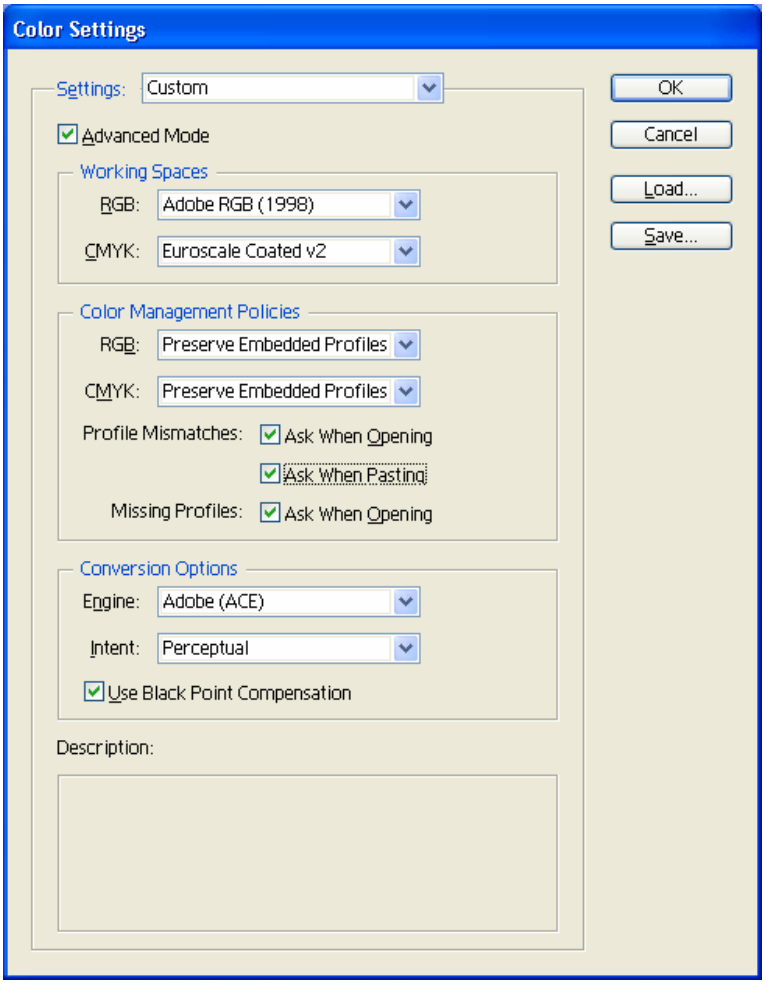
invent

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 profiled, consult the Profile my monitor section.
2. Open the EFI Designer Edition RIP.
3. EFI Designer Edition RIP settings, **Preferences**:
    - **Color**:
        - Check the **Active Color Management** checkbox.
        - **Paper name:** Select the paper type that is loaded on the printer (always calibrated) and "Best" print quality.
        - **Print resolution**: 600 x 600.
        - **Color output mode**: Photo print.
        - You don't need to worry about the profiles and rendering intent because you will select **PostScript Color Management** option in the application, then, the application tells the RIP which source profile and rendering intent should be used for the conversion to the print space, these are the Document profile and the Print Space Intent of the application. The RIP color settings will be overridden.



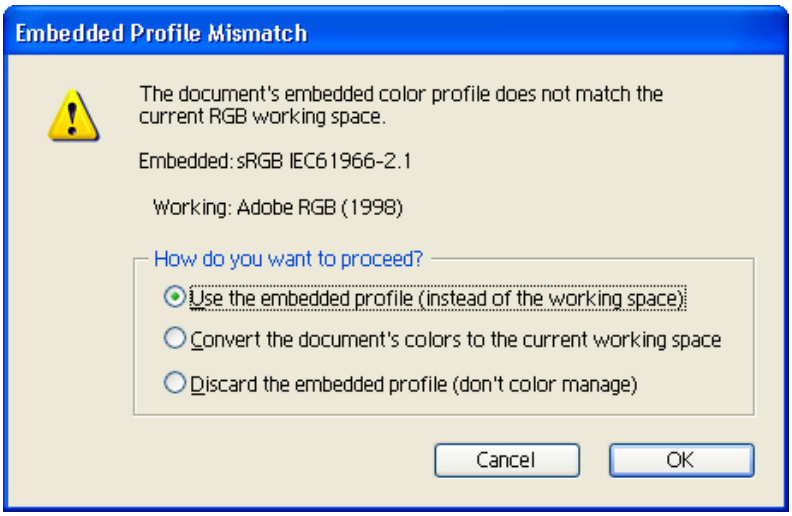
    - Click **OK.**
4. Open Adobe Illustrator CS.
5. Configure the **Color Settings, Edit menu > Color Settings...**:

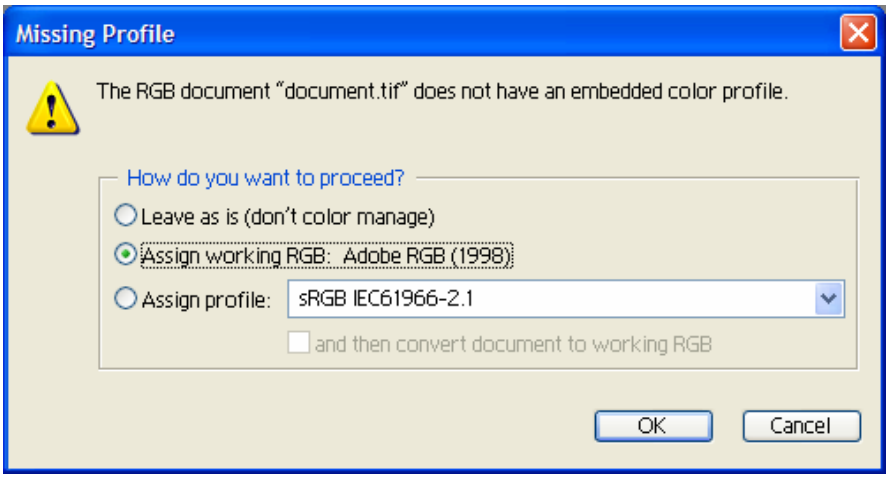
- Make sure the **Advanced Mode** check box is ticked.
- **Working Space > RGB**: Adobe RGB (1998).
- **Working Space > CMYK**: Euroscale Coated v2 (for Europe), U.S. Web Coated (SWOP) v2 (for US) and Japan Standard v2 (for Japan).
- **Color Management Policies**: Preserve the Embedded Profiles.
- **Profile Mismatches**: check **Ask When Opening** and **Ask When Pasting**.
- **Missing Profiles:** check **Ask When Opening.**
- **Conversion Options > Intent**: Perceptual (for RGB images) or Relative Colorimetric (for CMYK images).



- Click **OK**

6. 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**.

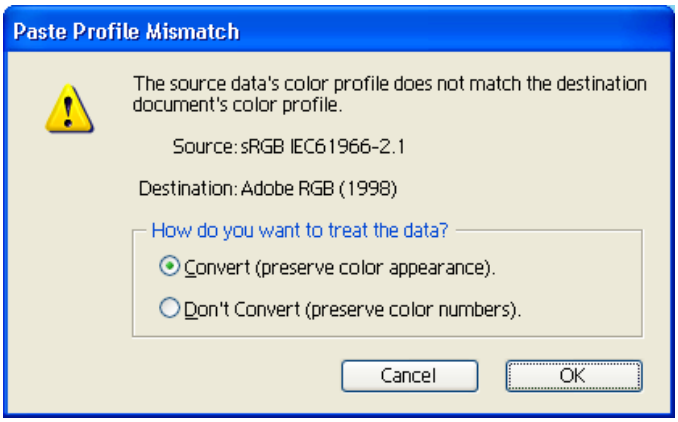




- Click **OK.**

7. If you place an image, you should 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.

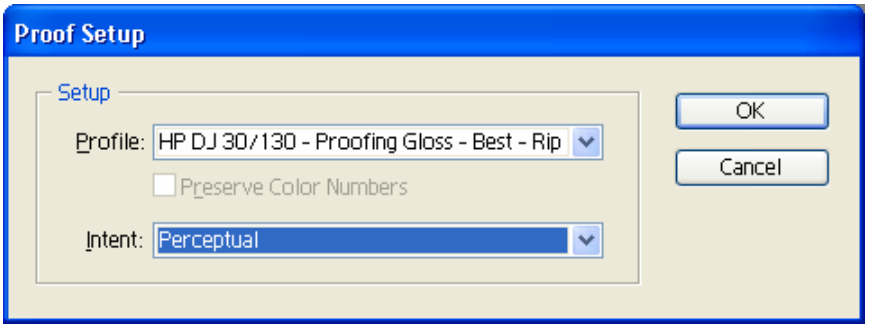
   - **File menu > Place...**: browse the image and uncheck the **Link** checkbox. If you are asked **How do you want to treat the data?**, select **Convert**.



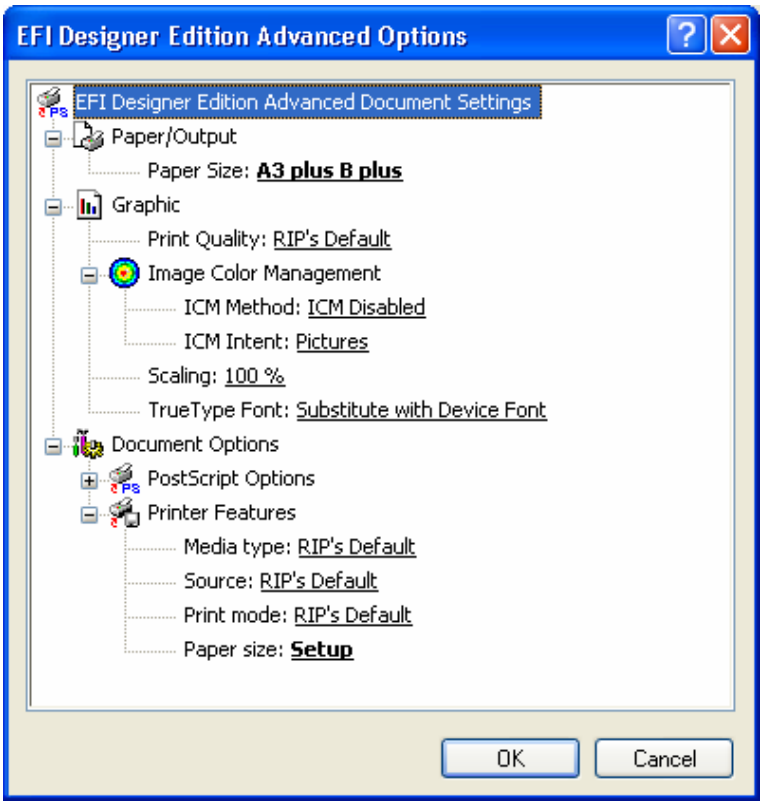
   - Click **OK**.

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

9. Configure the **Proof Setup** dialog box in order to proof the output on the monitor, **View Menu > Proof Setup > Custom...**:
    - **Profile:** Select the profile of the output device you want to proof; the printer profile generally depends on the printer model and the media type, it should be the same as selected in the EFI RIP **Properties** dialog box. If you don't have it on the list, you should copy it to the next folder:
      Windows 98: WINDOWS>System>Color
      Windows NT: WinNT>System32>Color
      Windows 2000: C: > WINDOWS > System32 > Spool > Drivers > Color
      Windows XP: C: > WINDOWS > System32 > Spool > Drivers > Color
    - **Intent:** Perceptual (for RGB images) or Relative Colorimetric (for CMYK images).

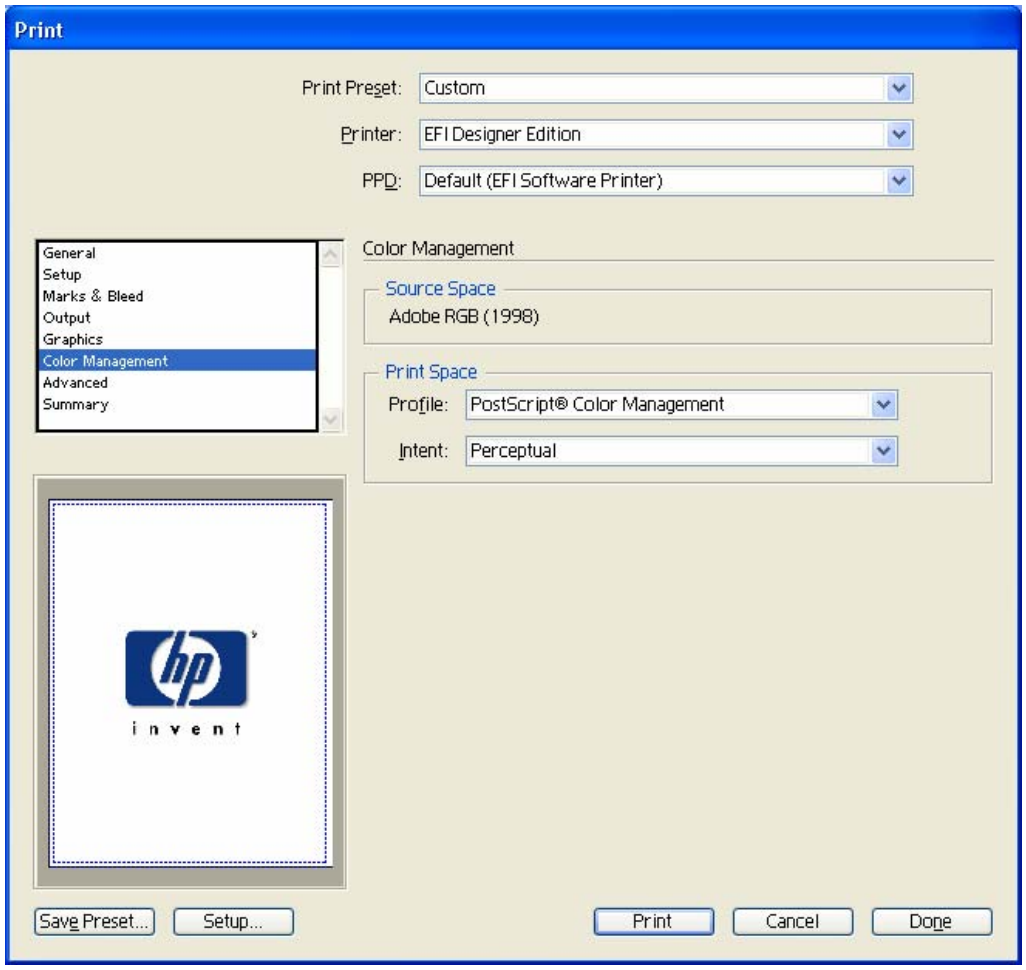


    - Click **OK**.
    - Now, you can retouch your image and the monitor will show you how it's going to look once you've printed it.
10. Printer settings, **File menu > Print... > Setup...** button:
    - **Select Printer...**: Select the printer (ex. EFI Designer Edition).
    - **Preferences:**
        - **Layout** tab:
            - **Orientation:** Select the orientation of your document on the paper.
        - **Advanced...:**
            - **Paper/Output > Paper Size:** Select the paper size of the media loaded on the printer.
            - **Document Options > Printer Features**:
                - **Paper Size**: Setup
                - Select **RIP's Default** on the others settings.



- Click **OK** until the Illustrator **Print** dialog box.

11. Adobe Illustrator **Print...** settings:
    - **General** (left hand menu):
        - **Media > Size:** Defined by Driver.
        - **Options:** Select the scaling option you need.
    - **Output** (left hand menu):
        - **Mode:** Composite.
    - **Color Management** (left hand menu):
        - **Print Space > Profile**: PostScript Color Management
        - **Print Space > Intent:** Perceptual (for RGB images) or Relative Colorimetric (for CMYK images), it should be the same as selected in the **Proof Setup** dialog box.


Print
Print Preset: Custom
Printer: EFI Designer Edition
PPD: Default (EFI Software Printer)
General
Setup
Marks & Bleed
Output
Graphics
Color Management
Advanced
Summary
Color Management
Source Space
Adobe RGB (1998)
Print Space
Profile: PostScript® Color Management
Intent: Perceptual
invent
Save Preset...
Setup...
Print
Cancel
Done

- Click **Print.**

For more information on HP Designjet products

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