

Printing a photo

<u>Application:</u> Adobe Illustrator CS <u>Printer:</u> HP Designjet 30/130 series <u>Software:</u> HP Software RIP <u>Operating System:</u> Windows



- 1. First recommendations:
 - See the <u>Media type functionality & features</u> and choose the most appropriate media.
 - It is essential to have the media type correctly calibrated with the printer and print mode, consult the <u>Calibrate my printer</u> 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 Adobe RGB (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.

Color Settings				
Settings: Custom	OK			
✓ Advanced Mode				
- Working Spaces				
RGB: Adobe RGB (1998)				
CMYK: Euroscale Coated v2	<u>S</u> ave			
Color Management Policies				
RGB: Preserve Embedded Profiles 🗸				
CMYK: Preserve Embedded Profiles 💌				
Profile Mismatches: 🔽 Ask When Opening				
Ask When Pasting				
Missing Profiles: 🔽 Ask When Opening				
Conversion Options				
Engine: Adobe (ACE)				
Intent: Perceptual				
✓ Use Black Point Compensation				
Description:				

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**.

Embedd	led Profile Mismat	ch	
	The document's current RGB wo	embedded color profile does not match the rking space.	
	Embedded: sRGE	IEC61966-2.1	
	Working: Adob	e RGB (1998)	
	How do you w Ouse the en Oconvert th Opiscard th	vant to proceed? hbedded profile (instead of the working space) he document's colors to the current working space he embedded profile (don't color manage)	
	L	Cancel OK	
Missing	Profile		×
The RGB document "document.tif" does not have an embedded color profile.			
- How do you want to proceed?			_
O Leave as is (don't color manage)			
	Assign working RGB: Adobe RGB (1998)		
	Assign profile:	sRGB IEC61966-2.1	
		and then convert document to working RGB	
		OK Cancel	

- Click OK
- 5. 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.

Paste Profile Mismatch			
The source data's color profile does not match the des document's color profile.			
	Source: sRGB IEC61966-2.1		
Destination: Adobe RGB (1998)			
	How do you want to treat the data?		
	⊙ <u>C</u> onvert (preserve color appearance).		
	O 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. RIP settings, File menu > Print... > Setup... button:
 - Select Printer...: Select the printer (ex. HP designjet 130 RIP).
 - 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:
 - Select the **Media Type** that is loaded on the printer (always calibrated).
 - Print Mode: Best (always calibrated).
 - You don't need to worry about the RIP color settings (Perform Color Correction, CMYK and RGB Input Profiles and Color 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 Source Space profile and the Print Space Intent of the application. The RIP color settings will be overridden.

hp designjet 130 RIP Advanced Options		
🌸 hp designjet 130 RIP Advanced Document Settings		
B Paper/Output		
Paper Size: B+A3+		
Copy Count: <u>1 Copy</u>		
🚊 🖬 Graphic		
🗐 💮 Image Color Management		
ICM Method: ICM Disabled		
ICM Intent: Pictures		
Scaling: <u>100 %</u>		
TrueType Font: Substitute with Device Font		
🚊 🦓 🙀 Document Options		
Advanced Printing Features: Enabled		
🗈 🐖 PostScript Options		
🚊 💑 Printer Features		
Media Type: HP Premium Plus Photo and Proofing Gloss		
Print Mode: <u>Best</u>		
Print in Grayscale: <u>No</u>		
OK Cancel		

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

- 8. 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.

Print	
Print Pre <u>s</u>	et: Custom
Print	er: hp designjet 130 RIP
PF	PD: Default (HP designjet 130 RIP)
General CC	plor Management
Setup	Contract Contract
Marks & Bleed	Source space
Output	Adobe RGB (1998)
Color Management	
Advanced	Print Space
Summary	Profile: PostScript® Color Management
	Intent: Perceptual
Sav <u>e</u> Preset Setup	Print Cancel Done

• Click **Print.**

For more information on HP Designjet products

www.hp.com/go/designjet

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