

Proof another printer

<u>Application:</u> Adobe Photoshop CS <u>Printer:</u> HP Designjet 30/90/130 series <u>Software</u>: HP Driver <u>Operating System:</u> Mac OS X



- 1. First recommendations:
 - Some paper types are better than others for proofing, see the <u>Media type functionality &</u> <u>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 Photoshop CS.
- 3. Configure the Color Settings, Photoshop 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).

Settings: Custo		
	m 🚺 —	ОК
Advanced Mode		
- Working Spaces		Cancel
RGB:	dobe RGB (1998)	Clark
CMYK: E	uroscale Coated v2	Load
Gray:	ot Gain 20%	Save
Spot:	ot Gain 20%	Preview
- Color Management P	olicies	
RGB: P	reserve Embedded Profiles	
CMYK: P	reserve Embedded Profiles	
Gray:	reserve Embedded Profiles	
Profile Mismatches:	Ask When Opening 🗹 Ask When Pasting	
Missing Profiles:	Ask When Opening	
- Conversion Options	Sand a	
Engine: A	dobe (ACE)	
Intent:	erceptual	
Use Black Point Con	npensation 🗹 Use Dither (8-bit/channel images)	
- Advanced Controls -		
Desaturate Monitor	Colors By: 20 %	
	sing Gamma: 1.00	
Blend RGB Colors U		

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	
٨.	The document "Untitled-1.jpg" has an embedded color profile that does not match the current RGB working space.	
	Embedded: sRGB IEC61966-2.1	
	Working: Adobe RGB (1998)	
	How do you want to proceed?	
	Use the embedded profile (instead of the working space)	
	O Convert document's colors to the working space	
	O Discard the embedded profile (don't color manage)	
	Cancel OK	
	Missing Profile	
	The RGB document "document" does not have an embedded color pro	file.
	How do you want to proceed?	
<u> </u>	O Leave as is (don't color manage)	
	Assign working RGB: Adobe RGB (1998)	
	O Assign profile: Adobe RGB (1998)	;
	and then convert document to working RGB	
	Cancel Cancel	ОК

- Click **OK**.
- Select your printer profile in the Proof Setup dialog box, View Menu > Proof Setup > Custom...:
 - **Profile:** Select the printer profile (generally, it depends on the printer model, the media type and the print mode). If you don't have the press profile on the list, you should copy it into this folder: */Library/ColorSync/Profiles*.
 - Intent: Perceptual (for RGB images) or Relative Colorimetric (for CMYK images).
 - Check Black Point Compensation.
 - **Simulate > Paper White:** This setting only affects the display, check it if you want to emulate the white of the paper.

	Proof Setup	
Setup:	ustom 🗘 🗧	ОК
Profile:	HP5500PS,HWCoated Paper UV,MaxQuality	Cancel
	Preserve Color Numbers	
Intent:	Perceptual	Load
	Subse Black Point Compensation	Save
Simulate:	Paper White	Preview
(🗌 Ink Black	

- Click OK.
- 6. Adobe Photoshop Print with Preview... settings, File menu > Print with Preview...:
 - Page Setup:
 - Format for: Select the printer (ex. hp designjet 130).
 - **Paper Size**: Select the paper size of the media loaded on the printer.
 - **Orientation:** Select the orientation of your image on the paper.
 - o Click **OK**.
 - Set the **Position** and the **Scaled Print Size** you need.
 - Check Show More Options.
 - Select the Color Management tab:
 - Source Space: Proof.
 - **Print Space > Profile**: Select the profile of the printer and media type you will use to print.
 - **Print Space > Intent:** Relative Colorimetric (select Absolute Colorimetric if you want to emulate the white of the paper).

	Print	
	Position	Print
	Top: 16.09 cm 🛟	Cancel
	Left: 8.93 cm	Done
	Center Image	Page Setup
(17)	Scaled Print Size	7
42	Scale: 100% Scale to Fit Media	
invent	Height: 8.573 cm 🗧 🛚	
	Width: 10.548 cm	
	Show Bounding Box	
	Print Selected Area	
Show More Options Color Management		٦
- Source Space:		
Document: O Document: sRGB	IEC61966-2.1	
Proof: 💽 Proof Setup: HP5	500PS,HWCoated Paper UV,MaxQuality	
Print Space:		
Profile: HP DJ 30/130 - Pho	Profile: HP DJ 30/130 - Photo Satin - Drv	
Intent: Relative Colorimetr	ic 💽	

- 7. Driver Settings; Print...:
 - **Printer:** Select the printer (ex. HP Designjet 130).
 - Paper Type/Quality > Paper tab:
 - **Paper Type:** Select the media type that is loaded on the printer (same settings selected in Photoshop Print Space Profile, always calibrated).
 - Quality: Best.
 - **Color:** Application Managed Colors.

P	Print	-
Printer: hp designjet 130	013	
Presets: Standard	:	
Paper Type/Qua	lity	
Paper Cold	or Options Ink	
Paper Type:	HP Premium Plus Photo Satin	•
Quality:	Best	•
Color:	Application Managed Colors	•
Source:	Automatic	
Disable Automatic Cutter	Save Roll Paper	
(?) (Preview) (Save As PDF)	Fax Cancel	Print

• Click **Print**.

For more information on HP Designjet products

www.hp.com/go/designjet

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Rev. 1.0, 09/2005

