

Printing a photo

<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:
 - 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> document.
- 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**: 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.

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- Missing Profiles: check Ask When Opening.
- Conversion Options > Intent: Perceptual.

Settings: Custom	Сок
Advanced Mode	UN
- Working Spaces	Cancel
RGB: sRGB IEC61966-2.1	•
CMYK: U.S. Web Coated (SWOP) v2	• Load
	Save
	Preview
Color Management Policies	
RGB: Preserve Embedded Profiles	
CMYK: Preserve Embedded Profiles	
Gray: Preserve Embedded Profiles	
Profile Mismatches: S Ask When Opening Ask When Pasting Missing Profiles: Ask When Opening	
Conversion Options	
Engine: Adobe (ACE)	
Intent: Perceptual	
Use Black Point Compensation 🗹 Use Dither (8-bit/channel images)	
- Advanced Controls	
Desaturate Monitor Colors By: 20 %	
Blend RGB Colors Using Gamma: 1.00	
- 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**.

Embedded Profile Mismatch	
The document "Bride-wall_0338.tif" has an embedded color profile that 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 document's colors to the working space	
O Discard the embedded profile (don't color manage)	
Cancel OK Missing Profile	
The RGB document "document.jpg" does not have an embedded color profile	
- How do you want to proceed?	_
O Leave as is (don't color manage)	
Assign working RGB: sRGB IEC61966-2.1	
Assign profile: Adobe RGB (1998)	
and then convert document to working RGB	
Cancel OK	

- Click OK
- 5. 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: Document.
 - **Print Space > Profile**: Printer Color Management.
 - **Print Space > Intent**: Perceptual.

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		- Position	n			Print
		Top:	16,09	Cm	•	Cancel
		Left:	8,93	Cm	:	Done
				Center Image		(Page Setur
		- Scaled	Print Size			(rage setu
	49	Scale:	100%	Scale to F	it Media 🚽	
	invent	Height:	8,573	Cm	- 8	
		Width:	10,548	cm	•	
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			🗌 Prin	t Selected Area		
Show More Color Mana	Options agement					
- Source Sp						
	Document: sRGB IEC	61966-2.1				
Proof	O Proof Setup: U.S. We	b Coated (SWOP)	v2			
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- Print Spac						
Print Spac		ent			•	
- Print Spac Profile:	e:	ent			•	

- 6. 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.
 - Quality: Best.
 - **Color:** ColorSmart/sRGB.

 Paper Type/Qualit	Options Ink
Paper Type:	HP Premium Plus Photo
Quality:	Best
Color:	ColorSmart/sRGB
Source:	Tray 1

Delet

• 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: <u>Printing a Photo (Alternative Workflow)</u>.

For more information on HP Designjet products

www.hp.com/go/designjet

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