

## Proof a press with Pantone colors

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



- 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> document.
- 2. Open Adobe Photoshop CS.
- 3. Configure the Color Settings, Edit menu > Color Settings...:
  - Make sure that the **Advance Mode** check box is ticked.
  - Working Space > RGB: sRGB IEC61966-2.1.
  - **Conversion Options > Intent**: Absolute Colorimetric.

Color Settings	×			
Settings: Custom	ОК			
Advanced Mode	Cancel			
Working Spaces	Cancer			
RGB: sRGB IEC61966-2.1	Load			
CMYK: Euroscale Coated v2				
Gray: Dot Gain 30%	Save			
Spot: Dot Gain 20%	Preview			
Color Management Policies				
RGB: Preserve Embedded Profiles 💉				
CMYK: Preserve Embedded Profiles 💉				
Gray: Preserve Embedded Profiles 💉				
Profile Mismatches: 🗹 Ask When Opening 🔽 Ask When Pasting				
Missing Profiles: 🗹 Ask When Opening				
Conversion Options				
Engine: Adobe (ACE)				
Intent: Absolute Colorimetric 💌				
✓ 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				

- 4. Create a new file in an RGB color mode, **File menu -> New...**:
  - Width, Height and Resolution: select the image size and resolution you need.
  - Mode: RGB Color

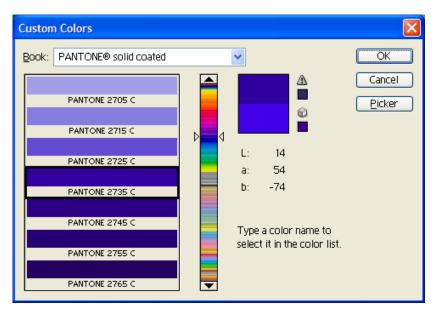
New	
Name: Untitled-3	OK
Image Size: 825K	Cancel
Preset Sizes: Custom	
Width: 496 pixels 💙	
Height: 568 pixels 💌	
Besolution: 72 pixels/inch 💌	
Mode: RGB Color 💙	
Contents	
○ Wh <u>i</u> te	
⊙ <u>T</u> ransparent	

- 5. Select your Pantone Color and draw/paint your image:
  - Double-click on the **color box** of the **Tools** window to open the **Color Picker**:



Color Picker	
Select foreground color:	ОК
	Cancel
	OH: 268 ° ⊙L: 24
	OS: 100 % Oa: 71
	OB: 76 % Ob: -101
	OR: 💷 C: 93 %
Þ	<sup>d</sup> OG: 0 M: 82 %
0	OB: 195 Y: 0 %
	# 5A00C3 K: 0 %
Only Web Colors	

• Select **Custom** and open the **Pantone Solid Coated** book, now you can select the desired Pantone color.



- Click **OK**. Now you can paint/draw.
- 6. Adobe Photoshop **Print with Preview...** settings, **File menu > Print with Preview...**:
  - Page Setup:
    - **Printer...**: Select the printer (ex. HP Designjet 130).
    - o Click **OK**.
    - **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**: Select the profile of the printer and media type you will use to print.
    - **Print Space > Intent**: Absolute colorimetric.

Print						
		- Positi	on			Print
		Top:	3.477	inches	~	
		Left:	1.977	inches	~	Cancel
			V	Center Image	N.C.C.P	Done
	Caled Print Size			Page Setup		
			100%	Scale to F	it Modia —	
	invent		1		1	
	10012700 2062280 0 10 12		3.373	inches	Y = 8	
		Width:	4.15	inches	× -	
				now Bounding Box		
		3 <del>.</del>	Pr	int Selected Area		
Show More	Options					
Color Man	agement 🖌				1	
- Source Sp	ace:					
Document:	⊙ Document: Adobe RGB (1998)					
Proof:	O Proof Setup: Euroscale Coated v2					
- Print Spac	e:					
Profile:	Profile: HP DJ 30/130 - Proofing Gloss - Drv					
Intent:	Absolute Colorimetric				~	
	Use Black Point Compensation					

## 7. Driver Settings, **Print... > Properties:**

- Paper/Quality tab:
  - **Type is**: Select the media type that is loaded on the printer (same settings selected in Photoshop Print Space Profile, always calibrated).
  - Print Quality: Best.

HP designjet 130 Properties	×
Paper/Quality     Finishing     Effects     Color     Services       Print Task Quick Sets	
Paper Options   Size is:   ANSI A   Edit Paper List     Source is:   Automatically Select   Lype is:   HP Premium Plus Photo and Pro •     Print Quality     Best	
Advanced Paper Settings	
<u>Help</u>	
OK Cancel	

- Color tab:
  - Color Options: Manual.
  - Color Matching Method: Managed by Application.

👙 HP designjet 130 Properties	? 🔀
Paper/Quality Finishing Effects Color Print Task Quick Sets <a href="mailto:reality.color:blue"><a href="mailto:reality.color:blue"><a href="mailto:reality.color:blue">reality.color:blue</a> Print Task Quick Sets</a></a>	Services           Services           Save   Dejete
Color Options C Automatic Manual Print In <u>G</u> rayscale Advanced Color <u>S</u> ettings	
Color Management <u>C</u> olor Matching Method	Managed by Application
Printer Color Pro <u>f</u> ile	sRGB
<u>R</u> ender Intent	Perceptual
<b>(</b>	Help OK Cancel

• Click **OK** twice.

## For more information on HP Designjet products

www.hp.com/go/designjet

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