

## How to do an art reproduction

<u>Application:</u> Adobe Acrobat <u>Printer:</u> HP Designjet Z6100 series <u>Software</u>: HP PS Driver <u>Operating System:</u> Windows



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 art reproduction (portrait, landscape...), the source color space, the media used, the environmental conditions, the subjective perception about your own image, etc.... This means the printing suggestion may not completely match with your own personal opinion.

- 1. First recommendations:
  - In order to get a correct display, it's also essential you have the monitor calibrated, refer to the <u>Profile my monitor</u> document.
  - Refer to the <u>Media type functionality & features</u> and choose the most appropriate media.
  - Ensure that the Paper Type setting on the front panel corresponds to the paper that you intend to use. It is essential that the paper is correctly color calibrated for the printer; refer to the <u>Calibrate my printer</u> document.
  - If the paper that you are using is not listed, we strongly recommend creating a new Custom Paper Type, or if you cannot find a paper type that resembles yours closely enough. You can add a custom paper automatically by using the HP Color Center; refer to the <u>Add and profile a new paper type</u> document.
- 2. Open Acrobat (If you are intended to print from Adobe Acrobat Reader, go to step 4).
- 3. Configure the Color Management options, Edit menu > Preferences...:
  - **Working Spaces > RGB**: Select the profile of the scanner or camera you have used to get your file (source profile), if you don't have it, select Adobe RGB (1998).
  - Working Spaces > CMYK: Select Europe ISO Coated FOGRA27 (for Europe), U.S. Web Coated (SWOP) v2 (for US) and Japan Standard v2 (for Japan).

Accessibility	Color Setup	
Batch Processing	Settings: Custom	
Catalog Color Management Commenting	Working Spaces	
Convert From PDF Convert To PDF	RGB: Monitor RGB - sRGB IEC61966-2.1	
igital Signatures orms	CMVK: U.S. Web Coated (SWOP) v2	
ull Screen ieneral	Grayscale: Gray Gamma 2.2	
dentity hternet	OutputIntent overrides working spaces	
vaScript Itimedia	Conversion Options	
ge Display ading	Engine: Adobe (ACE)	
/iewing	✓ Use black point compensation	
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• Click **OK**.

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- 4. Open the document, **File menu > Open...**.
- 5. Adobe Acrobat print settings, **File menu > Print...**:
  - **Printer > Name**: Select the printer (ex. HP Designjet Z6100ps 42in Photo).
  - Select the printing options you need, **Print Range**, **Page Handling**, **Print What**...

Print	? 🛛
Printer   Name: HP DJ Z6100ps 42in Photo   Status: Ready   Type: HP Designjet Z6100ps 42in Photo PS3	Properties Print to file Print color as black
Print Range	Preview K 11.7 3
Lopies: 1   Page Scaling: Fit to paper   ✓ Auto-Botate and Center   □ Choose Paper Source by PDF page size	16.54 invent
Print <u>W</u> hat: Document 🗸	Units: Inches Zoom: 1129%
Printing <u>Tips</u> Advanced	OK Cancel

- Press **Advanced** button:
  - Output > Color: Select Composite.
  - Output > Printer Profile: Select Printer/PostScript Color Management.
  - Output > Check **Apply Working Color Spaces** check box.

Advanced Print Setup		×
Settings: Custom	Delete Save As	
Output Arks and Bleeds Transparency Flattening PostScript Options	Output   Color: Composite   Screening: Default Screen   Elip: None   Printer Profile: Printer/PostScript Color Management	
INVENT	Select this option to apply the CMYK working space profile as a Source Profile for uncalibrated color objects in the document.	

- 6. Driver print settings, press **Properties** button:
  - Paper/Quality tab:
    - Paper Options:
      - Document size: Select the media size that is loaded on the printer. Make sure that the document size is not bigger than the paper size you have in the printer.
      - **Orientation**: Select the orientation of the paper.
      - Print Quality: Standard Options and drag the slider to Quality.

HP DJ Z6100ps 42in Photo Document Properties	; ? <mark>×</mark>
Advanced Printing Shortcuts Paper/Quality Features Col	or Services
Paper Options	
Document size: 11.69 × 16.54 inches	
A3	×
Margins/Layout	
Currently loaded paper:	3
Roll 1: esteban, 42.00 inches	Document Size: 11.69 × 16.54 inches
	Printed on: 11.69 × 16.54 inches
	Print Quality
	O Standard options
	Speed Quality
Orientation	adding
Portrajt	Californi
◯ Landscage	Custom options
	OK Cancel

- Color tab > Color Options:
  - Select **Print in color**.
  - Select Color management > Printer managed colors:
    - Default RGB Source Profile: Select sRGB (HP).
    - **Default CMYK Source Profile**: Select Europe ISO Coated FOGRA27 (for Europe), U.S. Web Coated (SWOP) v2 (for US) and Japan Standard v2 (for Japan).
    - **Rendering Intent**: Relative Colorimetric.
    - Check Black Point Compensation check box.

la Printing Preferences	? 🛛
Advanced Printing Shortcuts Paper/Quality Features Color Color Options Print in color Print in Grayscale Gray and black inks only Color management: Agplication Managed Colors Printer managed colors Default RGB Source profile: SRGB (HP) Default CMYK Source profile: Europe ISO Coated FOGRA27 Regndering Intent:	Services Services Printed on: 8.5 × 11 inches Show preview before printing More Color Options
Rendering Intent:	More Color Options

• Click **OK** twice.

## For more information on HP Designjet products

www.hp.com/go/designjet

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