hp

How to do an art reproduction

Application: Adobe Acrobat
Printer: HP Designjet Z6100 series
Software: HP PS Driver
Operating System: Windows

hp
invent

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.
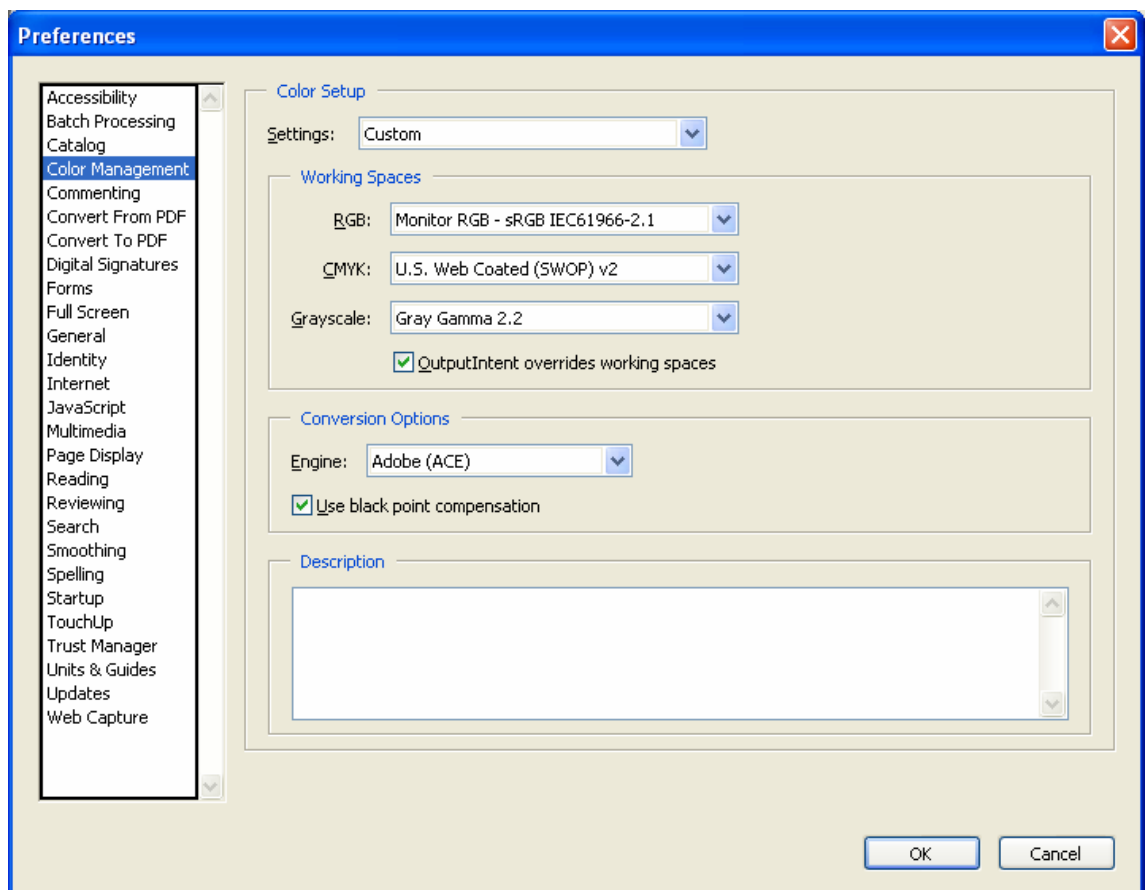
1. First recommendations:

   - In order to get a correct display, it's also essential you have the monitor calibrated, refer to the Profile my monitor document.

   - Refer to the Media type functionality & features 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 Calibrate my printer 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 Add and profile a new paper type document.

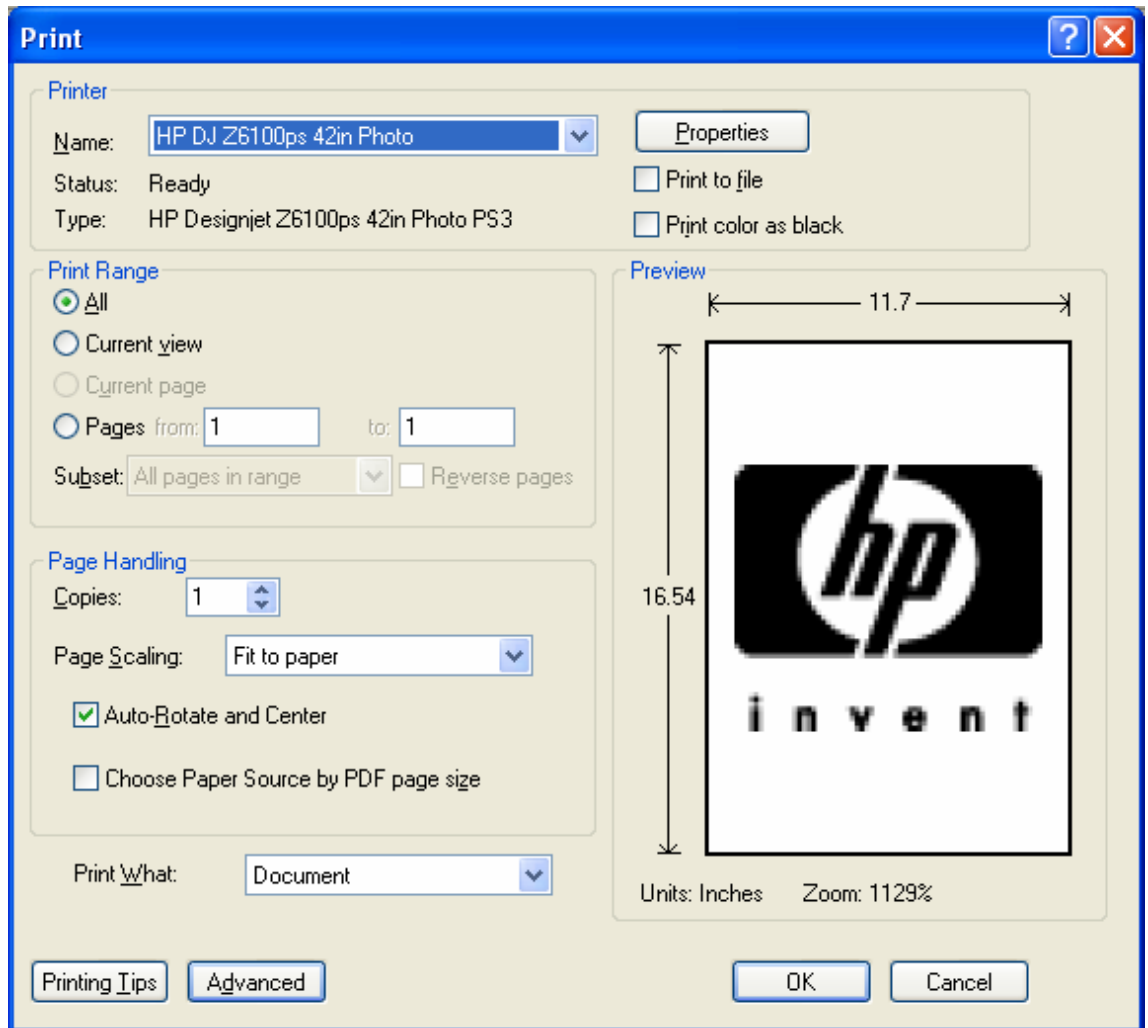2. Open Acrobat (If you are intended to print from Adobe Acrobat Reader, go to step 4).

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).

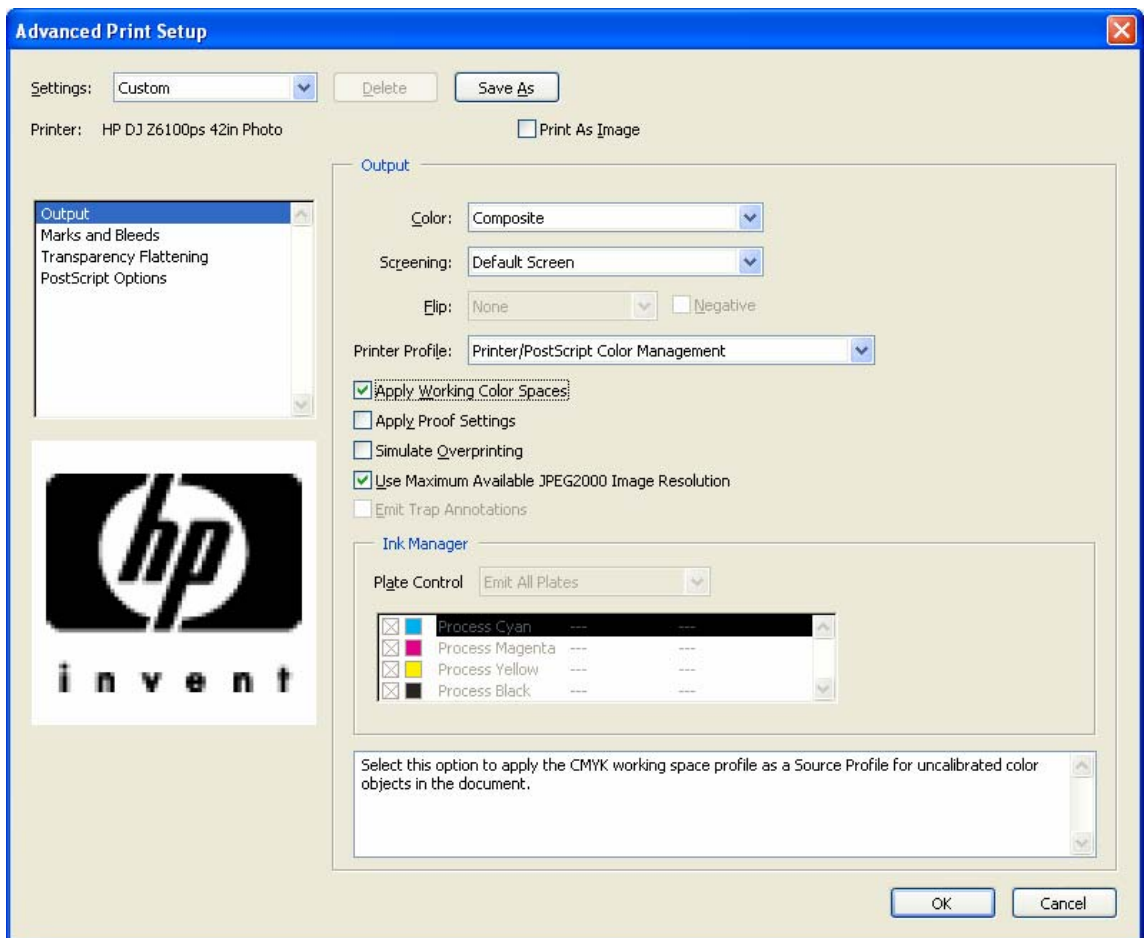   - Check **Use black point compensation** check box.

   - Click **OK**.

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 [Properties]

Status: Ready ☐ Print to file

Type: HP Designjet Z6100ps 42in Photo PS3 ☐ Print color as black

Print Range

◉ All

◯ Current view

◯ Current page

◯ Pages from: 1   to: 1

Subset: All pages in range ☐ Reverse pages

Page Handling

Copies: 1

Page Scaling: Fit to paper

☑ Auto-Rotate and Center

☐ Choose Paper Source by PDF page size

Print What: Document

Preview

⟵ 11.7 ⟶

16.54

Units: Inches   Zoom: 1129%

[Printing Tips] [Advanced]   [OK] [Cancel]

- Press **Advanced** button:
  - o **Output > Color**: Select **Composite**.
  - o **Output > Printer Profile**: Select **Printer/PostScript Color Management**.
  - o Output > Check **Apply Working Color Spaces** check box.
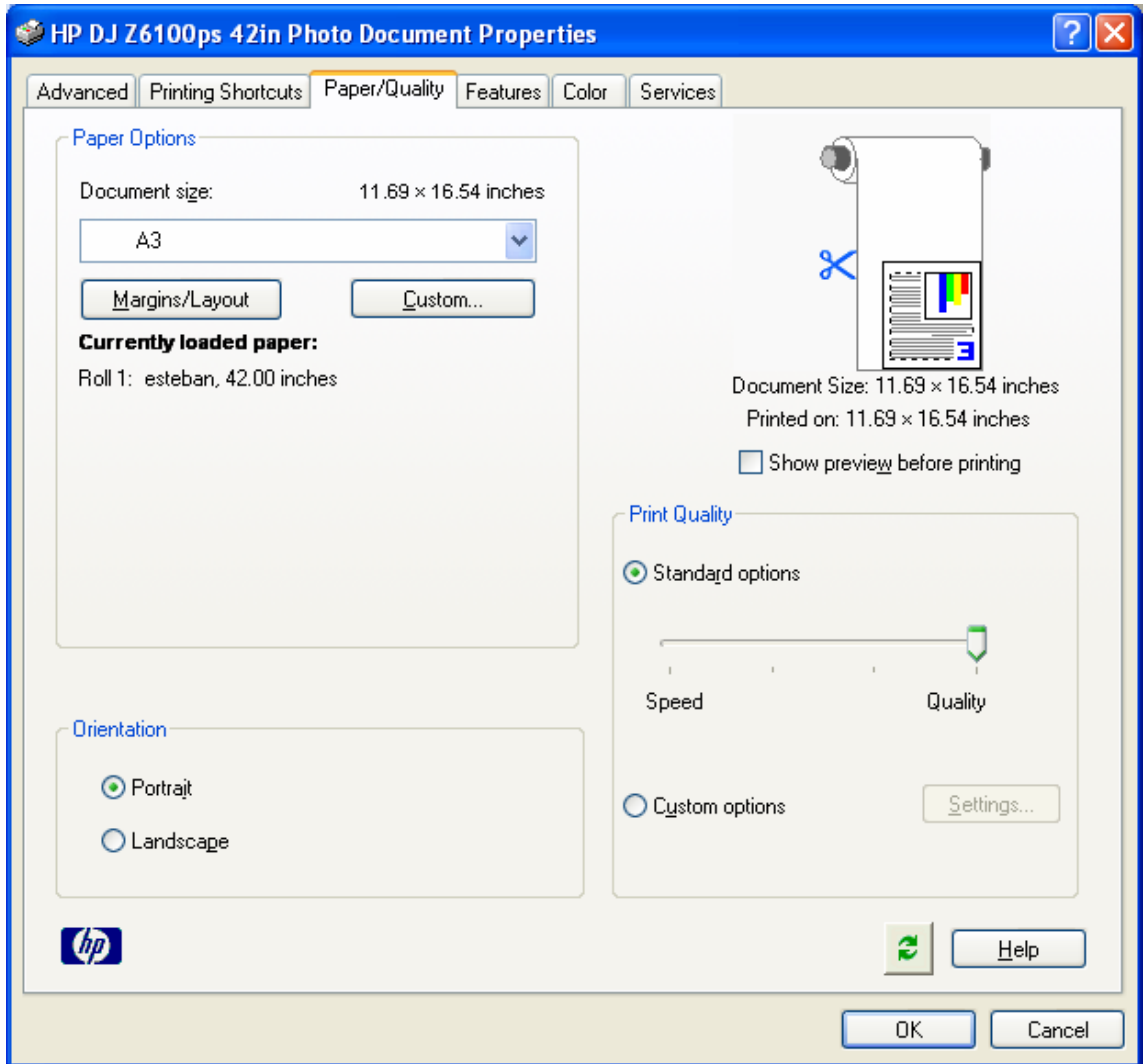
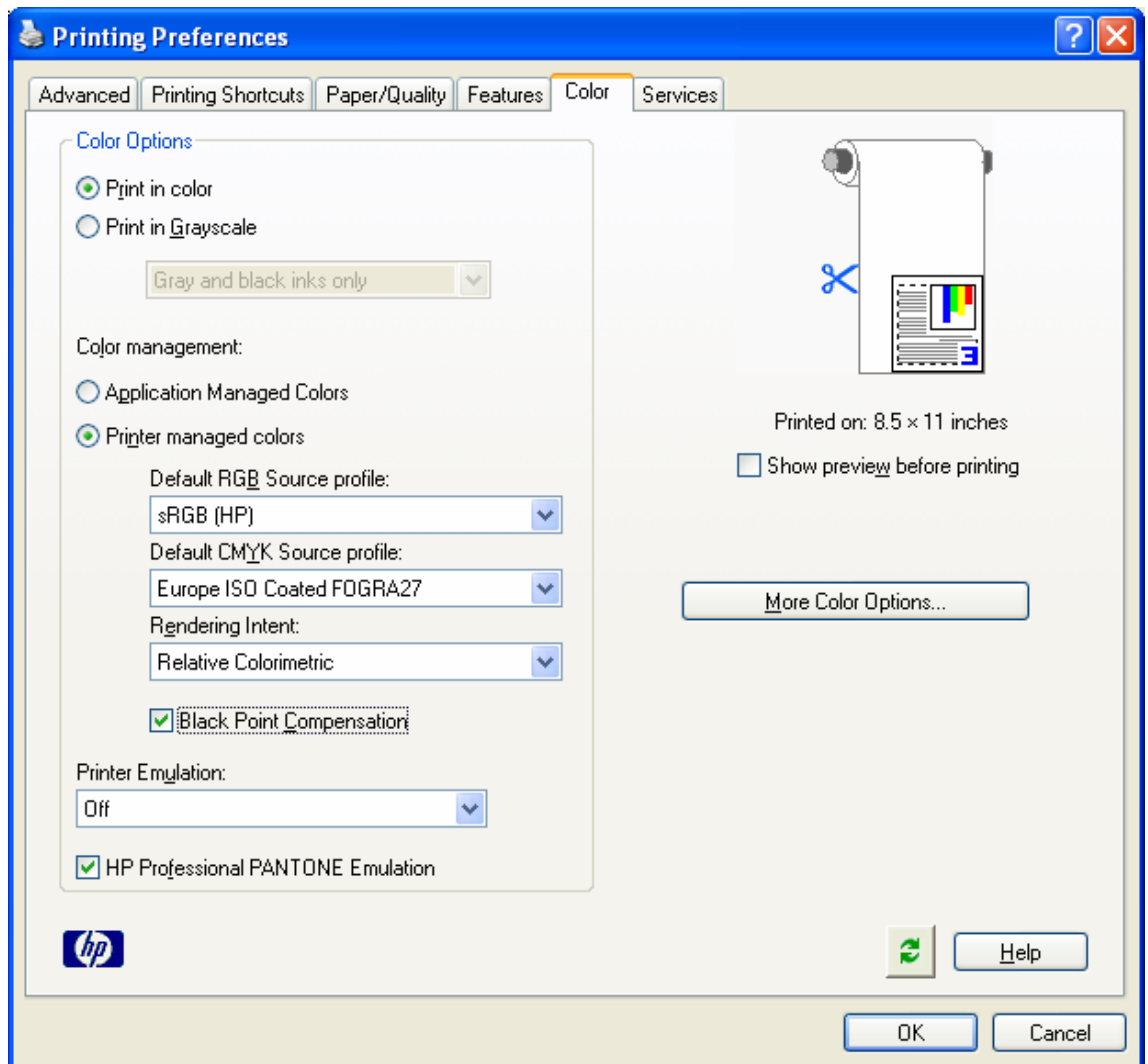6. Driver print settings, press **Properties** button:

- **Paper/Quality** tab:
    - o **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**.

- **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.

- Click **OK** twice.

For more information on HP Designjet products

www.hp.com/go/designjet