HP LF Printing Knowledge Center

How to ensure a print overnight

Application: Adobe Acrobat
Printer: HP Designjet Z6100 series
Software: HP PS Driver
Operating System: Mac OS X

invent

1. First recommendations:

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

   - See 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. More recommendations:

   - Prepares the area around the printer just in case some prints go out of the output device.

   - Make sure the media is correctly loaded into the printer.

   - Check the current status of the printer: ink consumables levels and paper information. You can do it in various ways:

     - If you start HP Printer Utility and select your printer, you see a page of information describing the status of the printer and its paper and ink supplies.
     - If you access the Embedded Web Server, you see information about the general status of the printer. The Supplies page in the **Main** tab describes the status of the paper and ink supplies.
     - The status screen of the printer's front panel notifies you of any current problems affecting the printer as a whole. You can also request information about:
       - The currently loaded paper under **Paper** menu.
       - The ink levels under **Ink** menu.

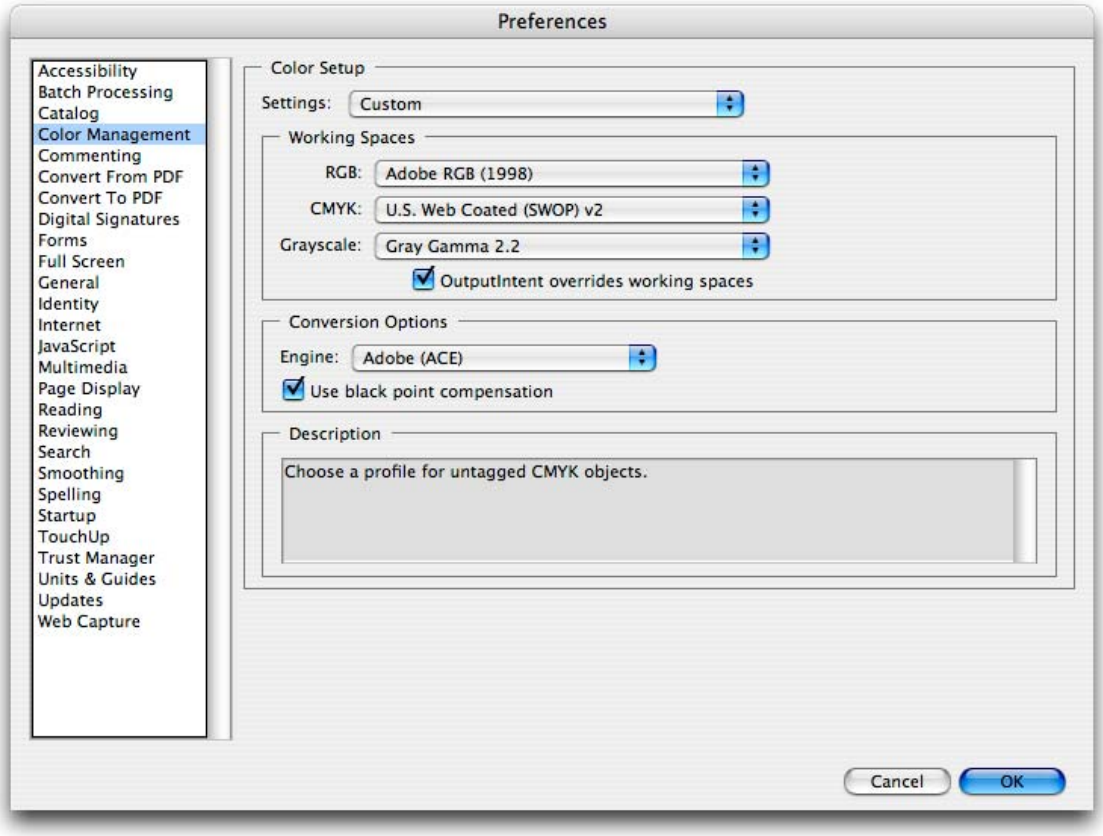
   - Make sure the Printer queue and Nesting option are set on:

     - Via Embedded Web Server, in the Printer settings page in the **Setup** tab.
     - Via printer front panel, under **Printer** menu.

3. Open Adobe Acrobat (If you are intended to print from Adobe Acrobat Reader, go to step 5).

4. Configure the **Color Management** options, **Acrobat 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.



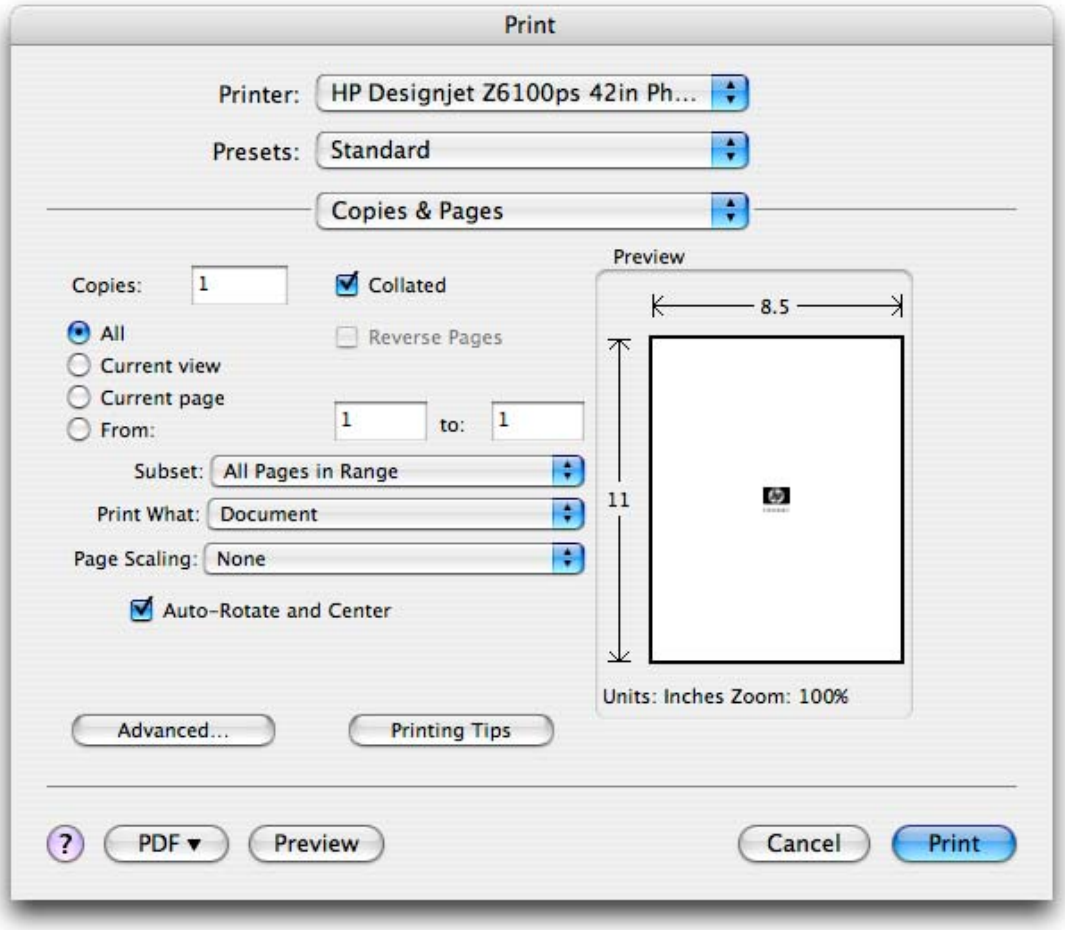
5. Open your file, **File menu > Open...**.

6. Now, you can check your job and retouch it if needed:

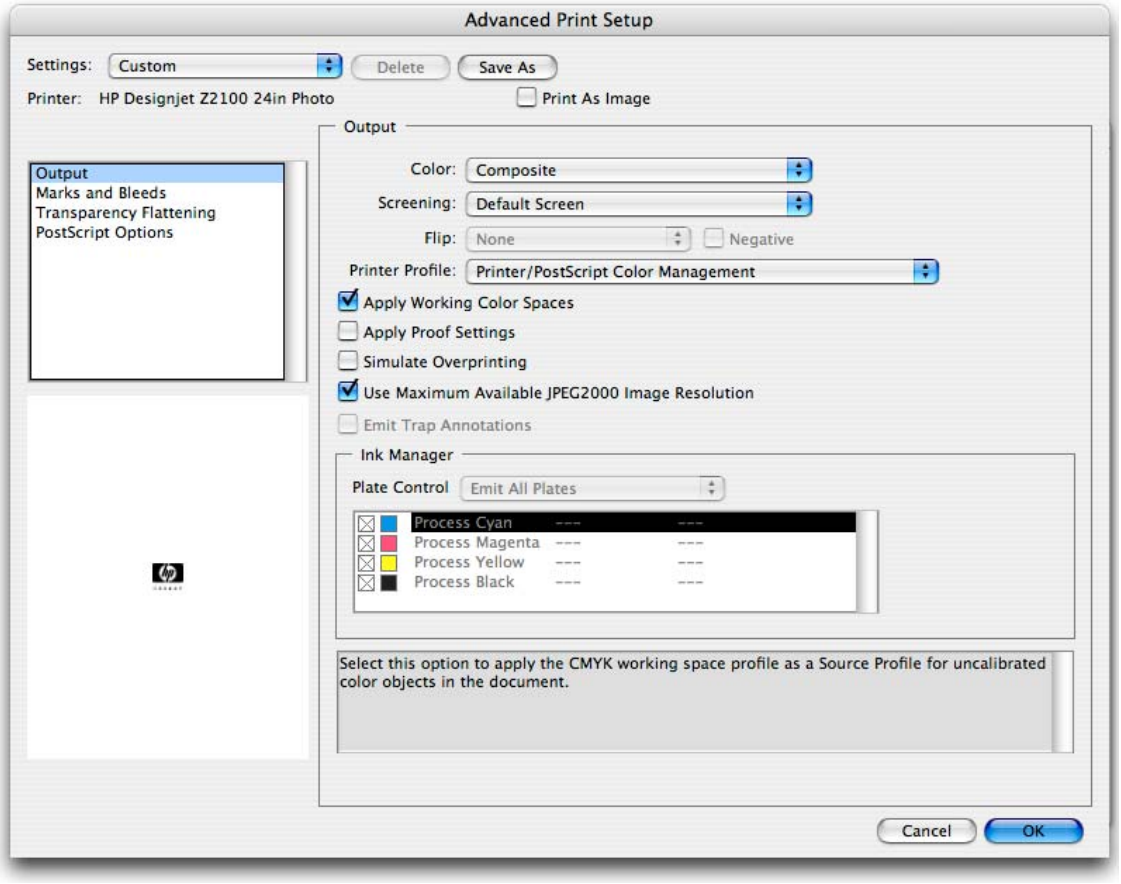
   - Make sure all the necessary information is included: Fonts, images, logos....
   - Make sure you have configured all the corresponding settings (Orientation, margins, typography, color, resolution, etc), appropriately for your document.

7. Check the print layout and the overall output before printing; Select Adobe Acrobat print settings; **File menu > Print...**:

   - **Printer**: Select the printer (ex. HP Designjet Z6100ps 42in Photo).
   - Select the printing options you need, **Page Scaling**, **Print What...**:



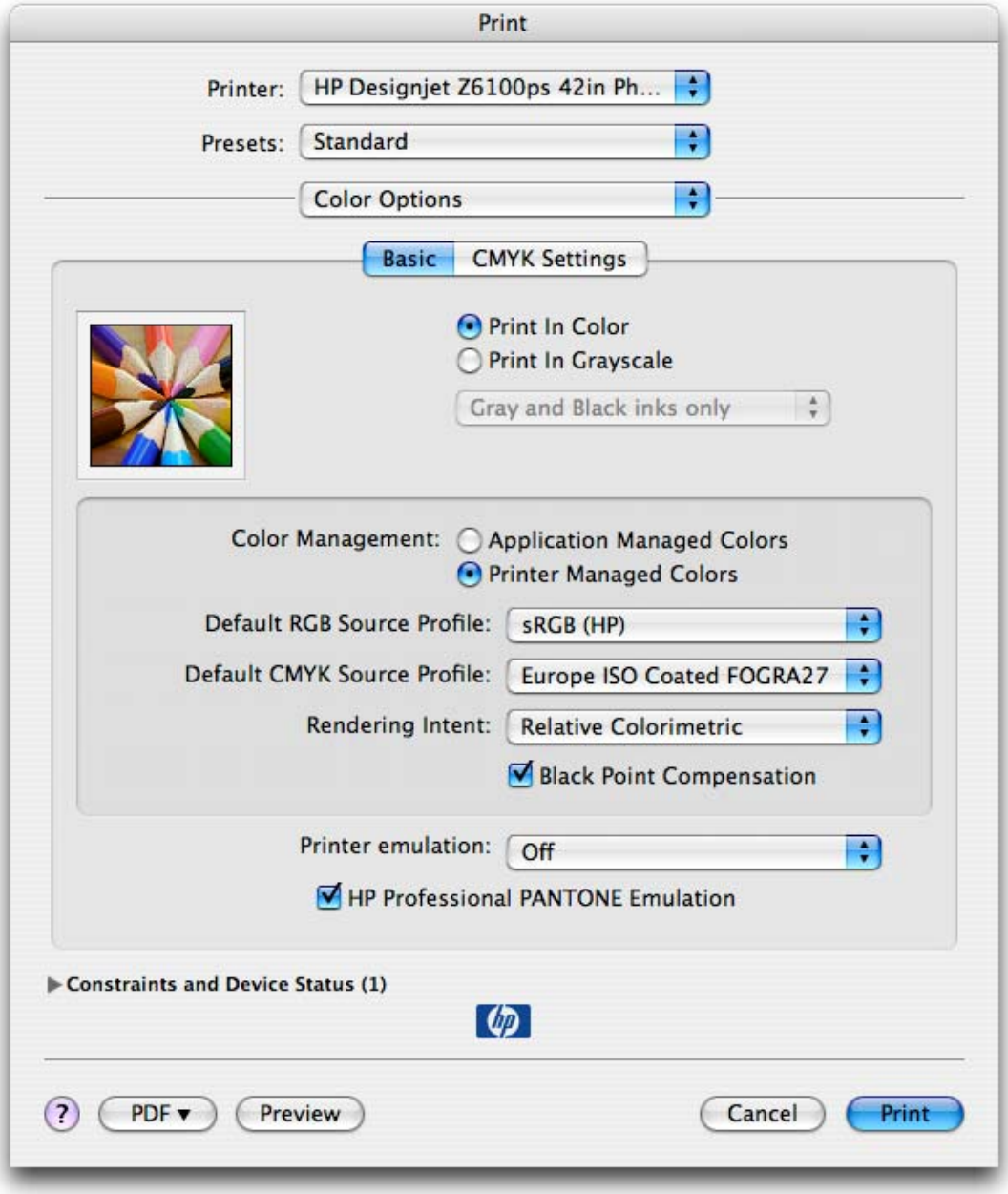
- Click **Advanced...** button:
    - **Output > Color**: Select **Composite**.
    - **Output > Printer Profile**: Select **Printer/PostScript Color Management**.
    - Check **Apply Working Color Spaces** check box.



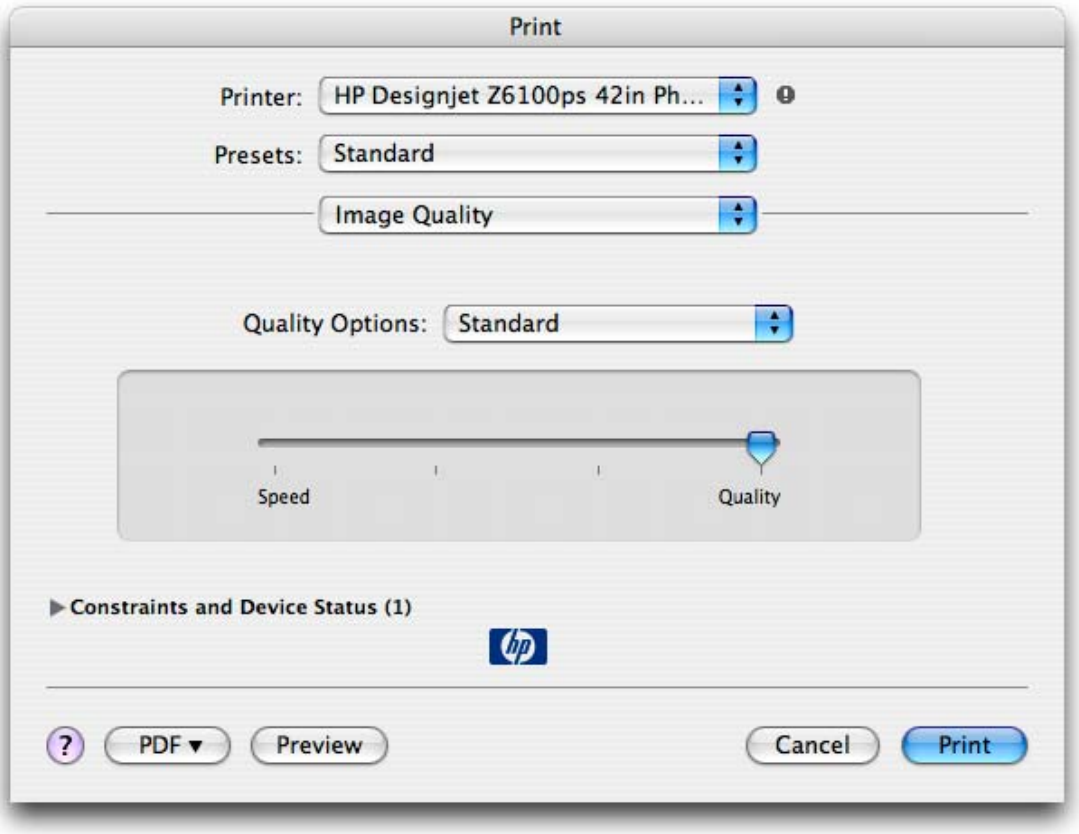
    - Click **OK**.

8. Select Driver print settings:

- Select **Paper Handling** tab to choose:
    - **Destination Paper 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.
    - And other settings you need.
- **Color Options** tab:
    - 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**: Select Relative Colorimetric.


Print
Printer: HP Designjet Z6100ps 42in Ph...
Presets: Standard
Color Options
Basic
CMYK Settings
Print In Color
Print In Grayscale
Gray and Black inks only
Color Management:
Application Managed Colors
Printer Managed Colors
Default RGB Source Profile: sRGB (HP)
Default CMYK Source Profile: Europe ISO Coated FOGRA27
Rendering Intent: Relative Colorimetric
Black Point Compensation
Printer emulation: Off
HP Professional PANTONE Emulation
Constraints and Device Status (1)
PDF
Preview
Cancel
Print

- **Image Quality** tab:
    - **Quality Options**: Select **Standard** and drag the slider to Quality (Best).



9. Prints a draft copy of your work for validate the document settings you selected (orientation, margins, typography, color, resolution, etc); press **Print** button. Check the print draft; if it meets your expectations, you are ready to print your job.

10. Print the fist copy of your job, Adobe Acrobat **File menu > Print...**:

- **Printer**: Select the printer (ex. HP Designjet Z6100ps 42in Photo).
- Click **Advanced...** button and select the same application settings you choose in step 7.
- Click **OK**.
- Select the same Image Quality, Paper Handling and Color Options driver settings you selected in step 8, and also:
    - Select **Copies & Pages** tab:
        - Select the number of **Copies** you need.
        - Check the **Collated** option.
    - Select **Scheduler** tab:
        - **Print Document**: Set the time when you want to print your job.

    - Select **Finishing** tab:
        - Check the **Remove Top/Bottom Blank Areas** option.
    - Click **Print**.

11. Check the first print copy in terms of quality.

- If the first copy is not OK, modify the appropriate settings and repeat step 9.
- If the first copy is OK, you can allow the printer to print all the desired copies overnight.

12. Check remotely the printer status and job status via Embedded Web Server. You can:

- Stop printing.
- Readjust the appropriate settings.

- Troubleshooting: Launch color calibration, paper profiling…
- Request e-mail notification of specific error conditions.

NOTE To use the Embedded Web Server, you must have a TCP/IP connection to your printer.

For more information on HP Designjet products

www.hp.com/go/designjet

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Rev. 1.0, 04/2007