

## Create and print a contact sheet

<u>Application:</u> Adobe Photoshop CS <u>Printer:</u> HP Designjet 30/90/130 series <u>Software</u>: EFI Designer Edition for HP <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 you have the media type correctly calibrated with the printer and print mode, consult the <u>Calibrate my printer</u> document.
- 2. Open the EFI Designer Edition RIP.
- 3. EFI Designer Edition RIP settings, **Preferences**:
  - Color:
    - o Check the Active Color Management checkbox.
    - Paper name: Select the paper type that is loaded on the printer (always calibrated) and "Best" print quality.
    - Print resolution: 600 x 600.
    - o Color output mode: Photo print.
    - You don't need to worry about the profiles and rendering intent because you will select **Printer Color Management** option in the application, then, the application tells the RIP which source profile and rendering intent should be used for the conversion to the print space, these are the Document profile and the Print Space Intent of the application. The RIP color settings will be overridden.

Image: Color Color Management         Paper name:         HP Premium Plus Photo Paper Glossy (HP DYE, Best)         Print resolution:         600 x 600         Color settings         Color settings	
Activate Color Management Paper settings Paper name: HP Premium Plus Photo Paper Glossy (HP DYE, Best) Print resolution: 600 x 600   dpi Color mode: CMYKcm Color settings Color settings	
Paper settings         Paper name:       HP Premium Plus Photo Paper Glossy (HP DYE, Best)         Print resolution:       600 x 600         Color mode:       CMYKcm         Color settings         Color output mode:       Photo print	olors Paper profiles
Paper name:       HP Premium Plus Photo Paper Glossy (HP DYE, Best)         Print resolution:       600 x 600         Color mode:       CMYKcm         Color settings         Color output mode:       Photo print	
Print resolution: 600 x 600 Color mode: CMYKcm Color settings Color output mode: Photo print	
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Color settings Color output mode: Photo print	
Color output mode: Photo print	
EFI profiles     O ColorSync	
RGB: AdobeRGB1998.icc Perceptual	•
CMYK: Best_SWOP_Ref_Presssheet_2003.i + Relative colorimetric (no paper v	vhit 🛟
Gray: ISOnewspaper26v4_gr.icc Relative colorimetric (no paper v	vhit 🔹
Add profile Delete profile	
Add profile Delete profile	
Print RGB in grayscales Stack Point Compensation	
Use embedded profiles Solid black: 0.0%	
(Reset settings) (Save Prefs) (Load Prefs) (Cancel)	ОК

- OK
- 4. Open Adobe Photoshop CS.
- 5. Configure the Color Settings, Photoshop menu > Color Settings...:

- Make sure the **Advanced Mode** check box is ticked.
- Working Space > RGB: select the profile of the scanner or camera you have used to get the photos (source profile), if you don't have it, select Adobe RGB (1998).
- Working Space > CMYK: Euroscale Coated v2 (for Europe), U.S. Web Coated (SWOP) v2 (for US) and Japan Standard v2 (for Japan).
- Color Management Policies: Preserve the Embedded Profiles.
- Profile Mismatches: check Ask When Opening and Ask When Pasting.
- Missing Profiles: check Ask When Opening.
- Conversion Options > Intent: Perceptual.

	Color Settings	
Settings: Cus	tom 🗘 🗧	ОК
Advanced Mode		
- Working Spaces -		Cancel
RG8:	Adobe RG8 (1998)	C
CMYK:	Euroscale Coated v2	Load
Gray:	Dot Gain 20%	Save
Spot	Dot Gain 20%	Preview
- Color Managemer	nt Policies	
RGB:	Preserve Embedded Profiles	
CMYK:	Preserve Embedded Profiles	
Gray:	Preserve Embedded Profiles	
	Ask When Opening Ask When Pasting	
- Conversion Optio	ns	
Engine:	Adobe (ACE)	
Intent:	Perceptual	
Use Black Point	Compensation 🗹 Use Dither (8-bit/channel images)	
- Advanced Control	5	
Desaturate Mon	tor Colors By: 20 %	
Blend RGB Color	s Using Gamma: 1.00	
- Description		

- Click OK
- 5. Create the contact sheet, File menu > Automate > Contact Sheet II...:
  - Source Images > Use: Folder, and then click the Choose... button to specify the folder containing the images you want to use. Select Include All Subfolders to include images inside any subfolders.
  - Document:
    - Specify the **Dimensions** and **Resolution** for the contact sheet.
    - o Mode: RGB Color.

- Flatten All Layers: Select this to create a contact sheet with all images and text on a single layer. Deselect Flatten All Layers to create a contact sheet in which each image is on a separate layer and each caption is on a separate text layer.
- **Thumbnails**: Specify layout options for the thumbnail previews. Select **Rotate For Best Fit** to rotate the images, regardless of their orientation, so they fit efficiently on a contact sheet.
- **Use Filename As Caption:** Select this to label the thumbnails using their source image filenames. Use the menu to specify a caption font and font size.

		Contact Sheet	II	
Source Images Use:	Folder Choose	0S X.4:Users:general:	Cocuments:	OK Cancel
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Width:	13			
Height:	19			Page 1 of 1
Resolution:	72	pixels/cm	•	1 of 1 images W: 2.6 cm
Mode:	RGB Color	•		H: 2.6 cm
I Flatten All	Layers			Press the ESC key to Cancel
Thumbnails -				processing images
Place:	across first	🕄 🗹 Use Auto-S	Spacing	
Columns:	5	Vertical:	0,035 cm	
Rows:	6	Horizontal:	0,035 cm	
Rotate For	Best Fit			

- Click OK.
- 6. Adobe Photoshop Print with Preview... settings, File menu > Print with Preview...:
  - Page Setup...:
    - **Format for...**: Select the printer (ex. EFISoftwarePrinter).
    - **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. If the contact sheet is bigger than the print size, select **Scale to Fit Media**.
  - Check Show More Options.
  - Select the Color Management tab:
    - o Source Space: Document.
    - **Print Space > Profile**: Printer Color Management.

## • **Print Space > Intent**: Perceptual.

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Intent:	Perceptual			+	

- 7. Printer settings, **Print...**:
  - **Printer:** Select the printer (ex. EFISoftwarePrinter).
  - Printer Features (Mac OS X v10.3):
    - Paper Size: Setup.
    - Select **RIP's Default** on the others settings.

	Print	
Printer:	EFISoftwarePrinter	•
Presets:	Standard	•
	Printer Features	:
Media type: RIP'	s Default	•
Source: RIP's De	fault	•
Resolution: RIP's	Default	•
Print mode: RIP's	s Default	:
Paper size: Setu	p	;

• Click **Print**.

## For more information on HP Designjet products

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