

Downloading & Installing Printer Profiles

(The following procedure works for both the Epson9800 and the HP DesignJet printer. Download and install the profile file on the computer that is connected to that printer.)

Overview

A printer profile is a file
that adjusts printed colors
It is specific to:
- this model of printer
- this kind of ink
- this kind of paper
File extension is **.icc**

The goal is to get the most accurate color possible
on this printer with this ink with this paper

If your system does not already have the correct profile,
you can download it from the paper manufacturer

If you then install the profile file in the correct place,
Photoshop will find it

To use a printer profile,
you must turn off *Printer Manages Color*
and turn ON
Photoshop Manages Color
You then select your profile

Downloading a Profile

Do a web search for the paper name + the printer name

Examples:

Hahnemuhle Photo Rag Epson 9800 profile
Moab Anasazi Canvas Epson 9800 profile
Canson Infinity Epson 9800 profile

Download it to your machine

The download files usually include usage instructions
E.g., which "Media" setting to use

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Installing the Profile

The only file Photoshop needs to see is the .icc file

It must be in a specific folder for Photoshop to see it

At DDA Imaging Lab, that folder is:

/Users/dda/Library/ColorSync/Profiles

However...

That folder is "hidden"

You cannot access it normally

To access that folder,

At the top of your Mac window,

>Go >Go to Folder

Type ~/Library

From there, go to /ColorSync

From there, go to /Profiles

Drag your .icc file into this /Profiles folder

Selecting the Profile in Photoshop

Restart Photoshop

You must restart Photoshop in order for Photoshop to find the new profile

Inside the *Print* menu, under *Printer Profile*,

...you will now see the profile you just downloaded

Select it

Also, select the *Paper Type* recommended by the manufacturer

Example:

- for Hahnemuhle's profile for their Photo Rag on the Epson 9800,
the correct "Media" setting is: "Velvet Fine Art Paper"

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Custom Profiles

It is also possible to have a .icc profile custom-made for you
This can be advisable...

- a) if you cannot find a profile online
and/or
- b) because each physical printer is slightly different
even if they are the same model

Once you have the custom .icc profile file,
installation is same as described above

There are many places online that will do this

One good place I have used is:

<https://www.itsupplies.com/profile-service-custom-made-icc-profiles-for-inkjet-printers-profiles>

(I have had several custom profiles made there. They are very good and they are not expensive.)