

HOW TO PRINT WITH EPSON PRINTERS

PRINTING WITH THE EPSON 5000 AND 9000 PRINTERS

The Epson 5000 and 9000 are archival inkjet printers. Using the correct papers, and storing images archivally, these prints can last 100 years. A variety of papers, sizes, finishes and thickness are available.

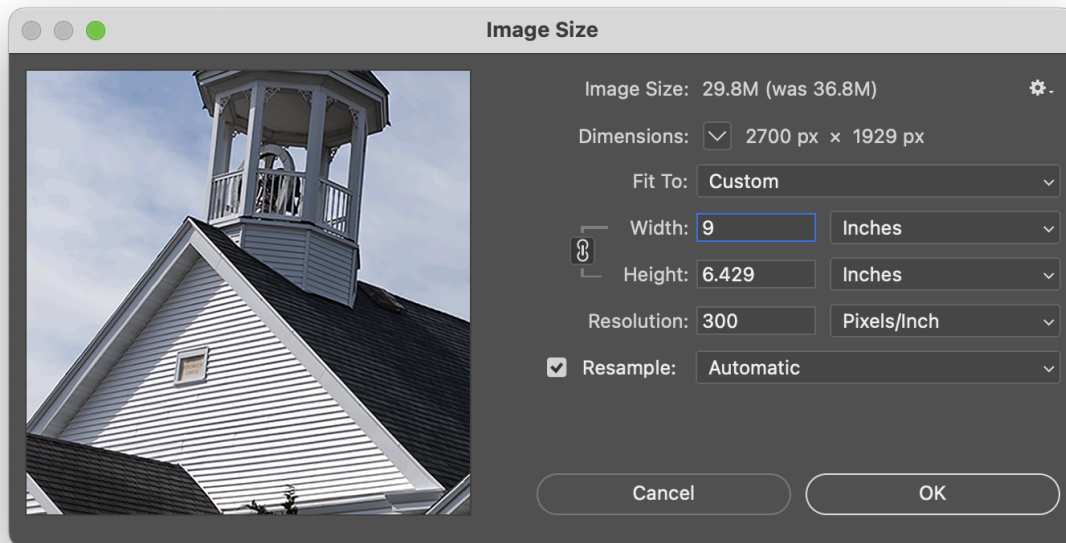
All printers use .icc profiles to print. Profiles are printer, and paper specific. Most Epson profiles are available by using the "Printer Manages the Profile" option. Other profiles from third party paper manufacturers can be loaded into the computers. If you would like one of these profiles to be available, please let your instructor know. It can take a week or so to have the technology department install the profile. Note: the profile is specific to a **printer and paper**. This means a **Epson 5000** profile will not be accurate on an **Epson 9000** printer.

USING MATTE PAPERS

If you would like to use a matte paper please let your instructor know. The Epson Lustre Paper uses a **PK or Photo Black Ink**. To use matte paper you need to purge the line of the photo black ink. Then the printer will push the **MK or Matte Black** ink into the head. This process can waste ink if you flip back and forth between inks. It is easier to dedicate one printer to matte ink for the class.

SIZE YOUR IMAGE IN PHOTOSHOP

To size your image use the path Image/Image size and set your desired size and the resolution to 300 ppi. I would save your image full size before you resize.



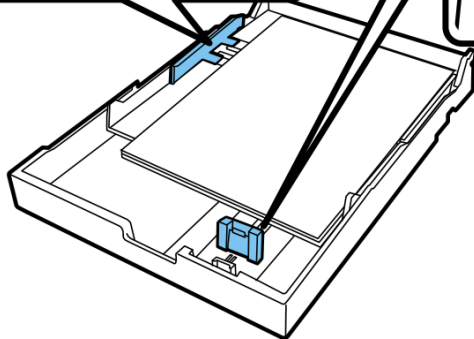
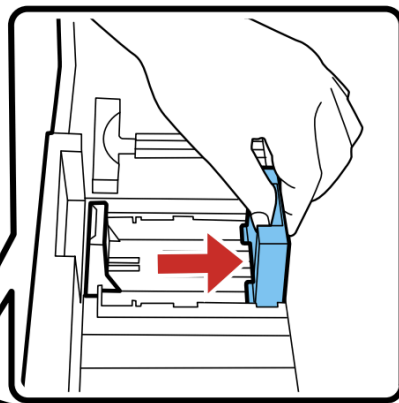
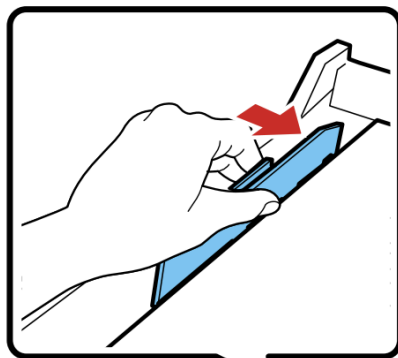
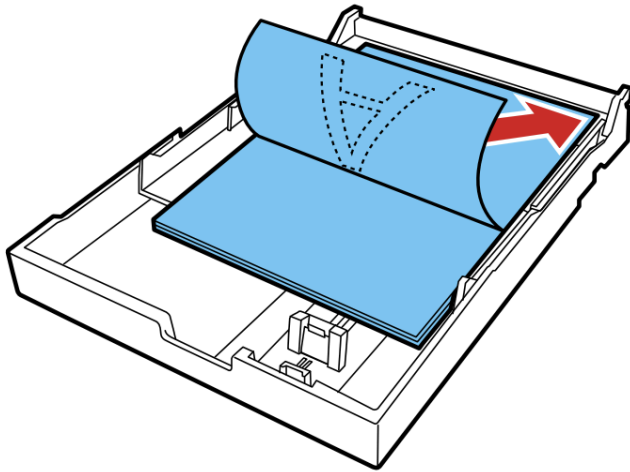
The image above will print the image with a width of 9 inches, a height of 6.429 inches, and a resolution of 300 pixels per inch or ppi. Resolution determines the quality of the image.

Make sure your image is using the color profile of Adobe RGB (1998). To change the profile use the path, Edit/Convert to Profile. You want the destination to be Adobe RGB (1998).

LOADING SHEET PAPER

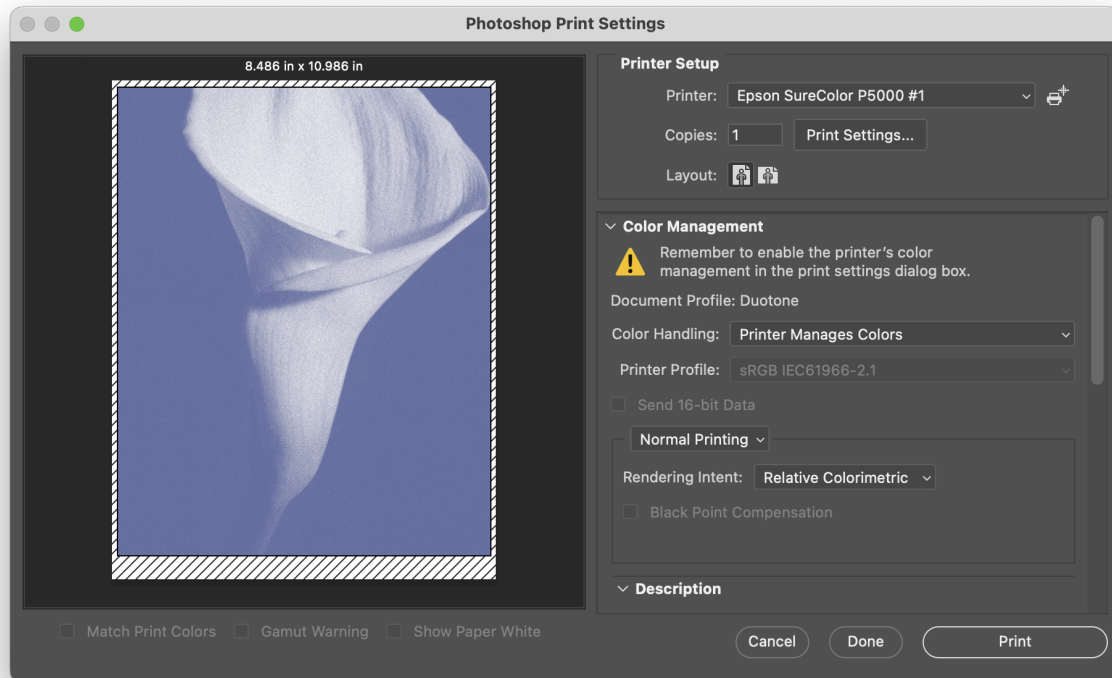
To load sheet paper you will first need to check to see if roll paper is loaded in the machine. If roll paper is loaded, ask your instructor to remove the roll paper. To load sheet paper it is placed in the cassette **face down**, and on the top right of the tray. Make sure you slide the guides to keep the paper loading straight into the printer. The Epson accepts paper 17 inches wide, and the Epson 9000 accepts paper 44 inches wide. inches wide, and the Epson

9000 Epson9000 accepts paper 44 inches wide.

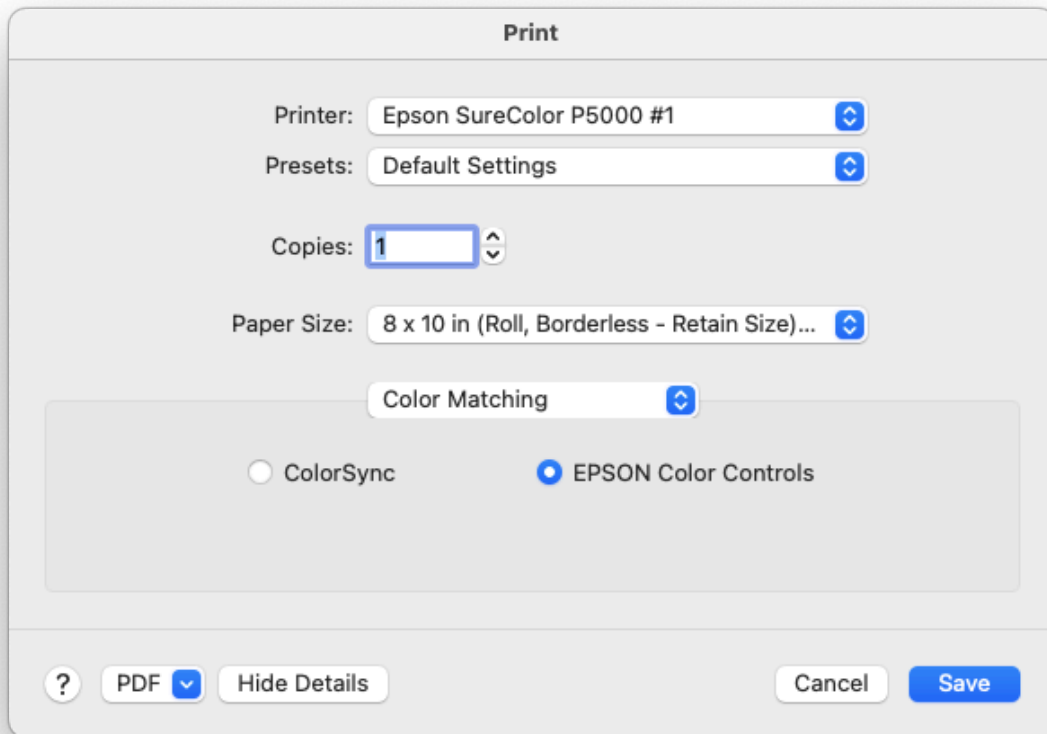


PRINTING THE EASY WAY USING 10 INCH ROLL PAPER, AND PHOTOSHOP

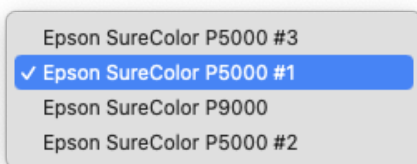
1. Either hit command-P or use the path File/Print and the window below should appear.



2. Next select Print Settings by clicking on the box. This will bring up the window below.

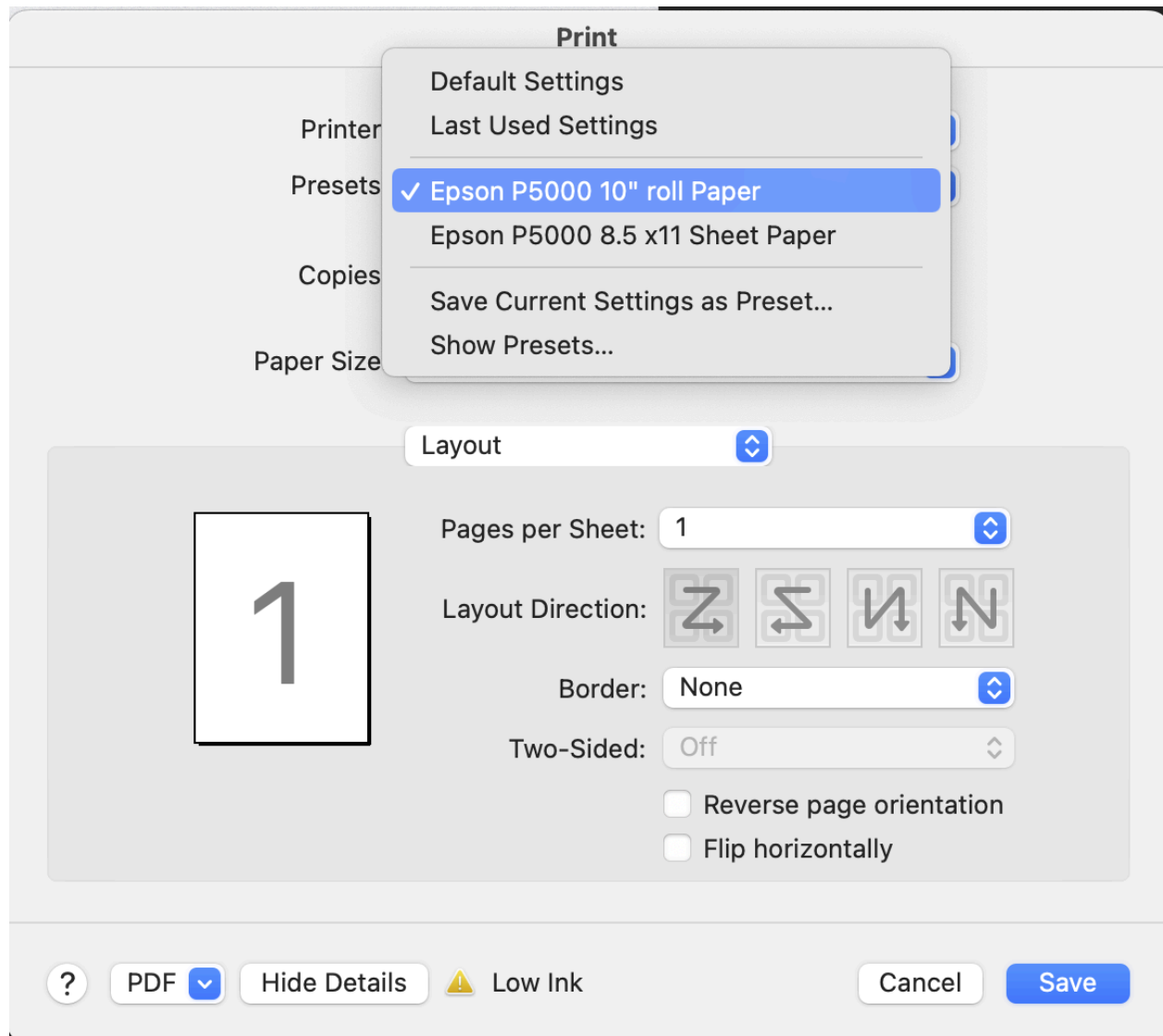


The first option is **“Printer.”** This will allow you to choose your printer. If you select the drop down menu you will see the image below.

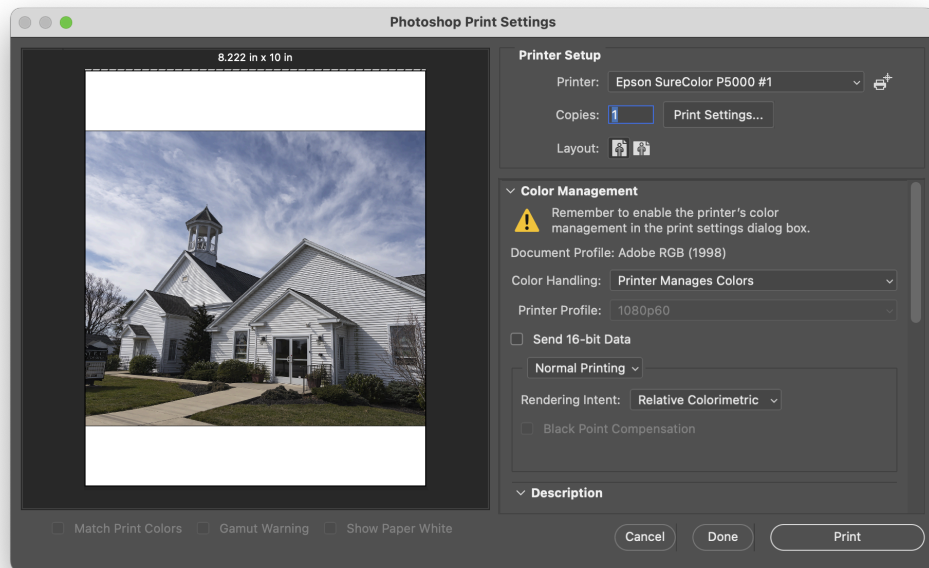


Using the drop down menu, select the printer you want to use. We have 3 Epson 5000 printers, and one Epson 9000 printer.

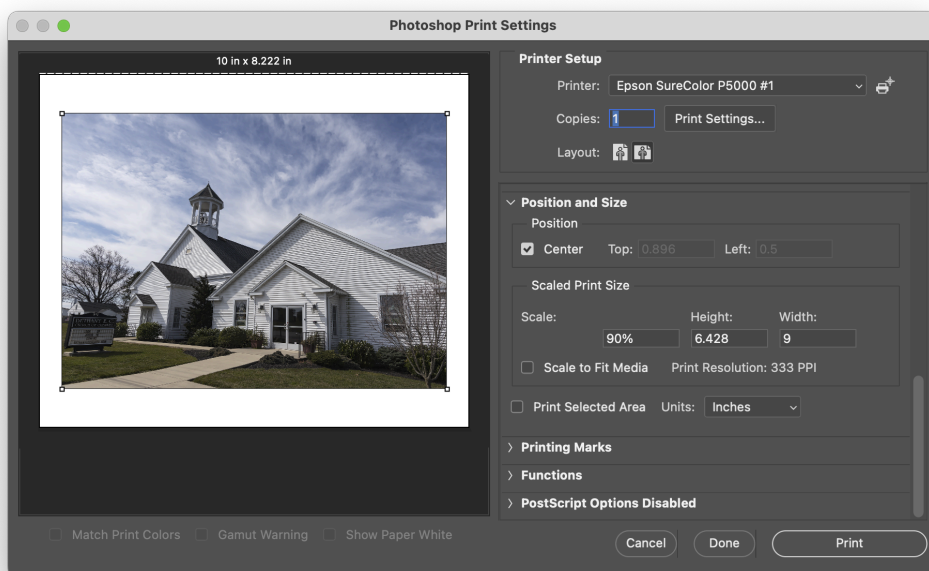
3. The next step is to select the preset below which is for 10 inch roll paper.



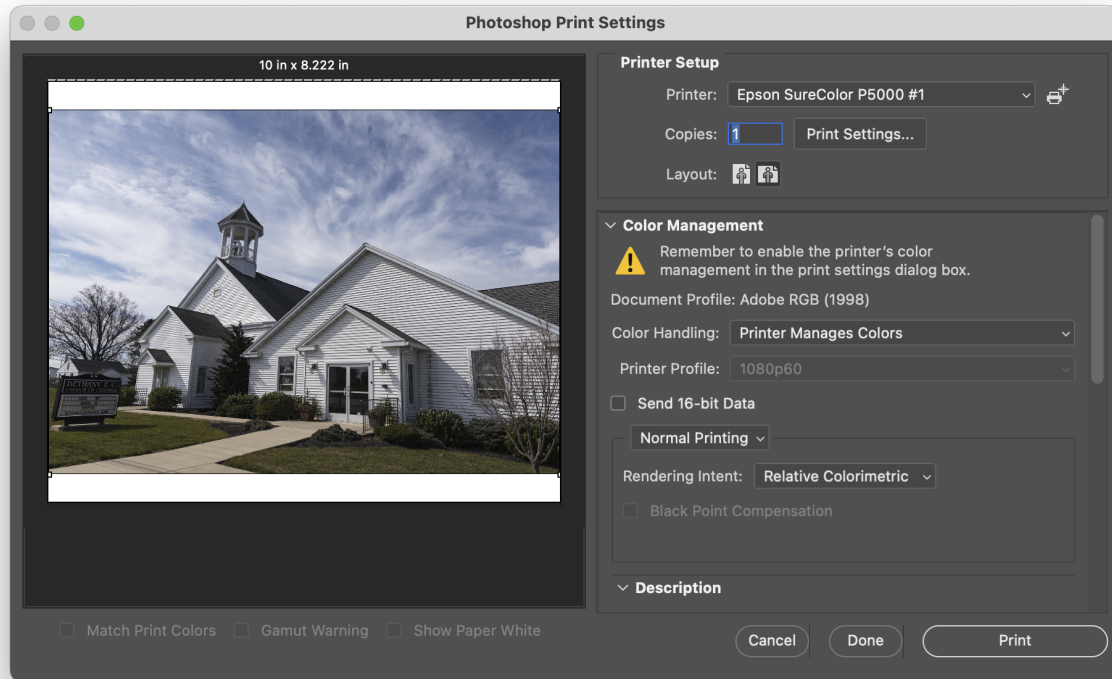
Click Save and you are done.



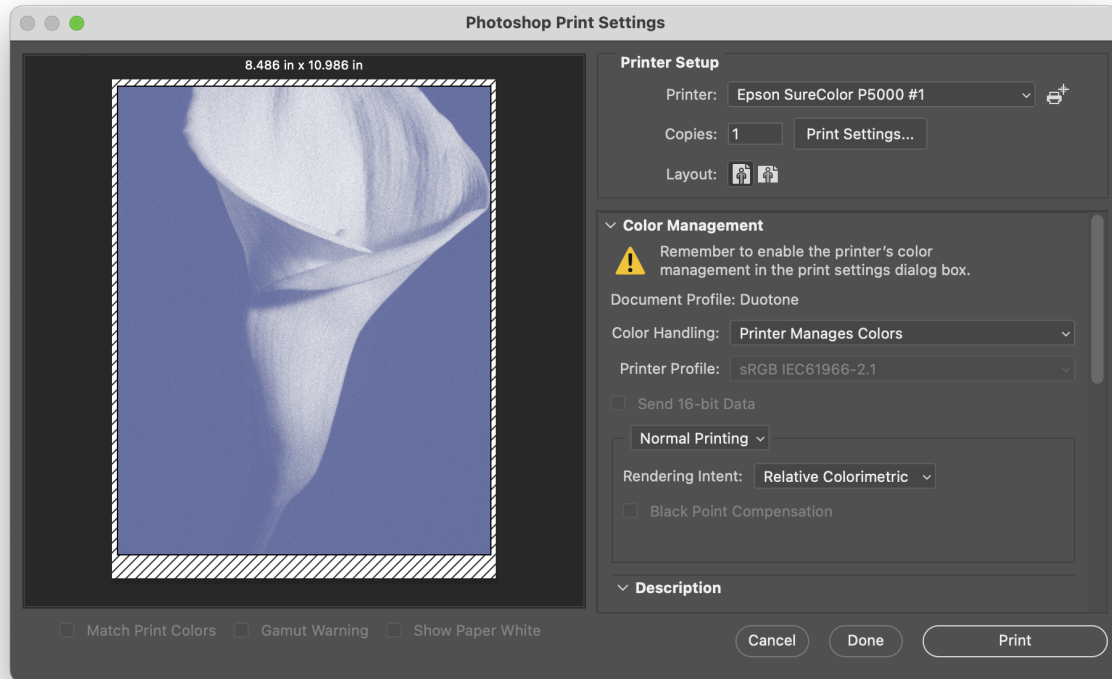
Above is a horizontal or landscape image, but the layout is in portrait. This is incorrect for this image.



Above is a horizontal, or landscape image in the correct orientation.



Above is a horizontal, or landscape image in the correct orientation. However, this image is full bleed, which means the image will print all the way to the left and right edges. This will waste ink, and can dirty the rollers. Please do not print full bleed.

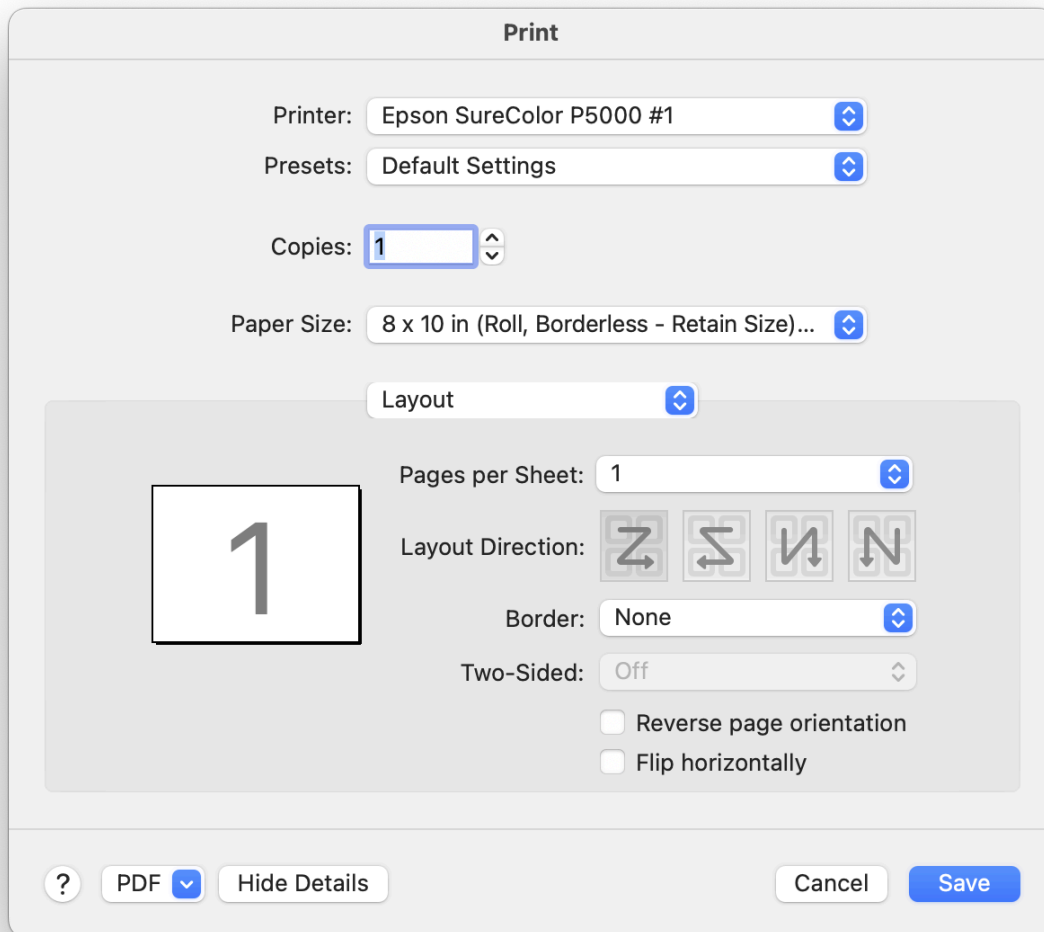


4. Make sure next to Color Handling, *"Printer Manages Color"* is selected.
5. The last step is to select the proper layout. You do this by selecting either the Portrait or Landscape icons next to Layout. Below are images showing you what the correct orientation looks like.
6. That is it. Click print and you are ready to go

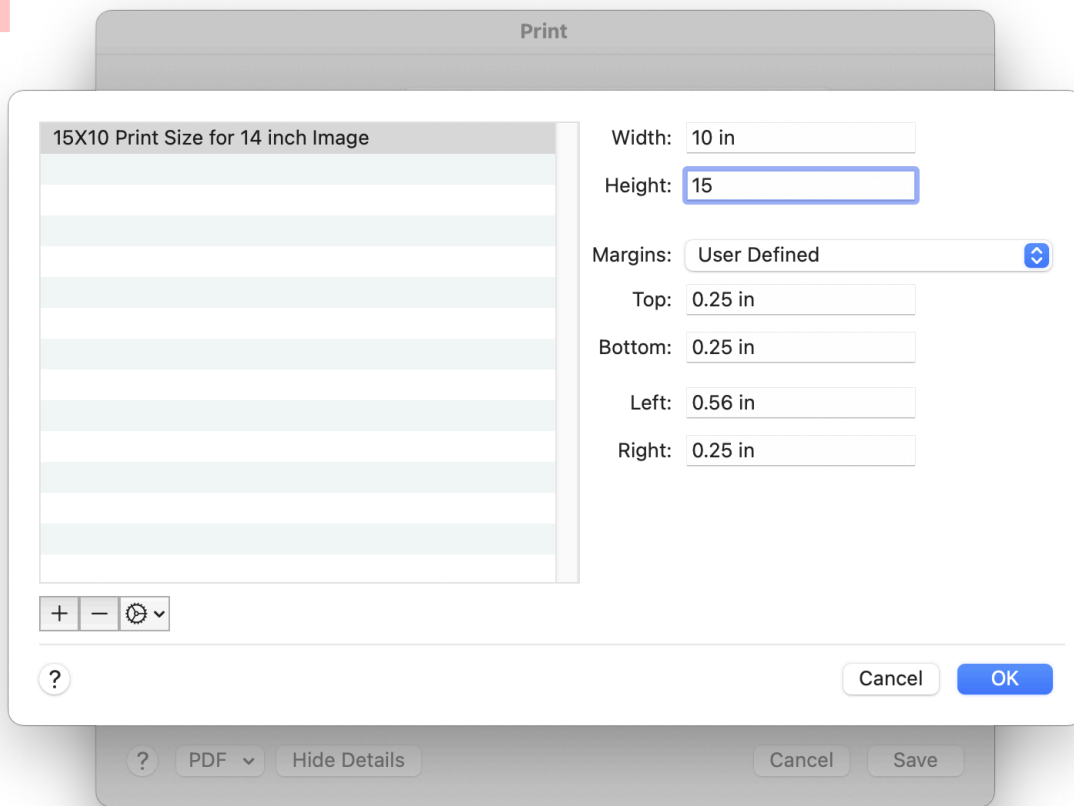
PRINTING THE HARD WAY, FOR LARGER PRINTS OR BLACK AND WHITE

First, feel free to ask for help. The 10 inch roll paper on the Epson 5000's is 10 inches wide, but you can print as long as the paper is in length. To make a 6X9 ratio image larger you could make the height of the print 9.329 inches and the width 14 inches. You will need to change the orientation of a horizontal, or landscape image to vertical, portrait.

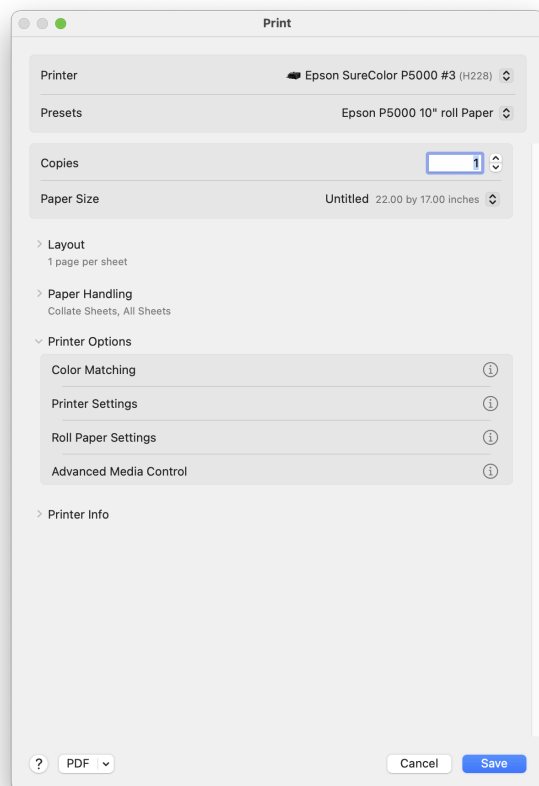
Step one is to size your image appropriately. Next click on the Print Setting box.



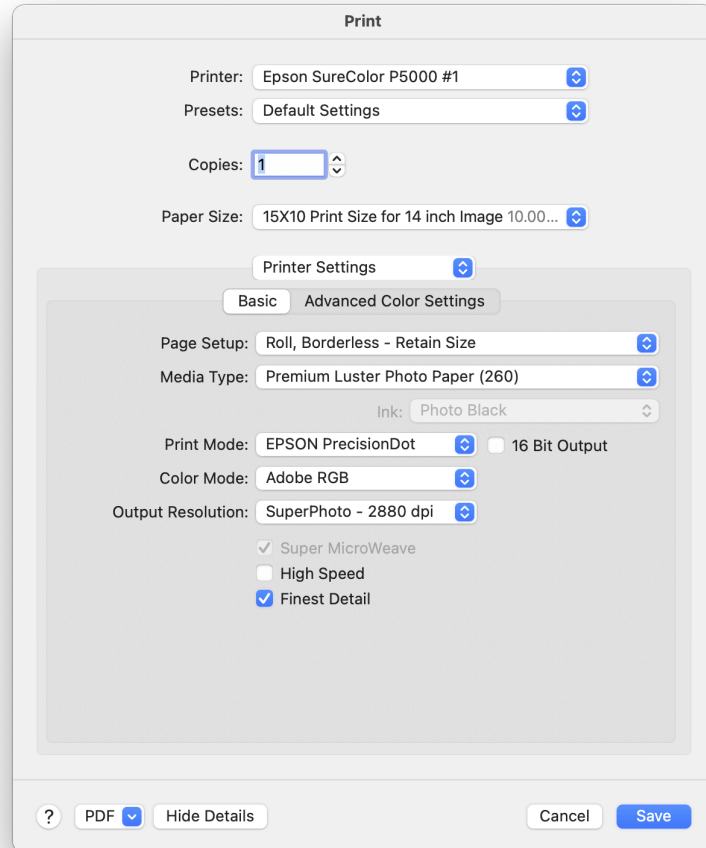
Click on the drop down menu for Paper Size. Select, *"Manage Custom Sizes."* Click on the + on the left hand side and fill out height and width as I did below.



Hit OK when you are done, and it should look like the image below.



The next step is to select the drop down menu that says *"Printer Options"* Then select *printer Settings!*



Above are the settings you want to select. They are not the default setting!

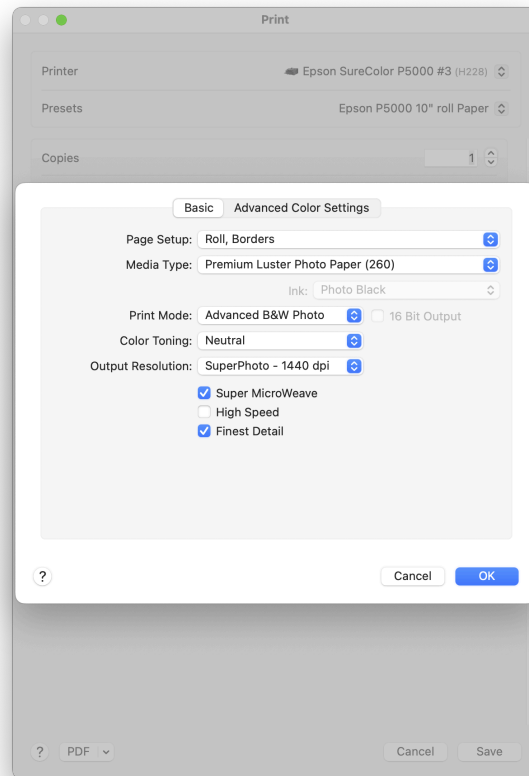
- Page Setup: Roll Borderless-Retain Size
- Media Type: Premium Luster Photo Paper
- Print Mode: Epson Precision Dot (which means color)
- Color Mode: Adobe RGB
- Output Resolution: SuperPhoto-2880
- Uncheck High Speed
- Check Finest Detail

Click Save that is it for Color.

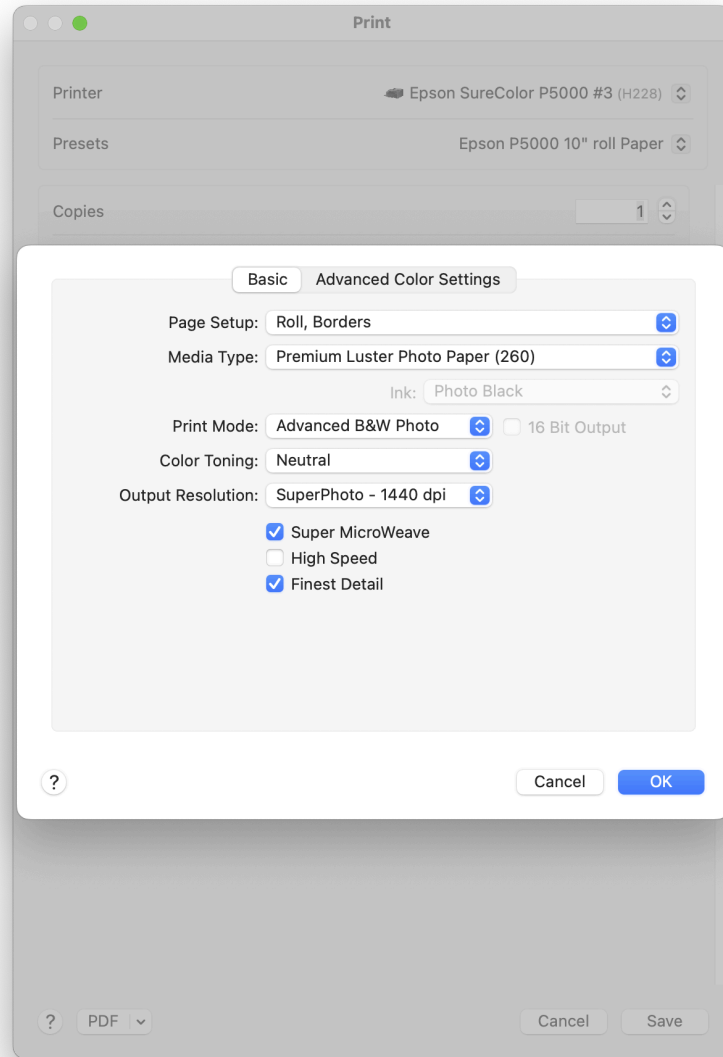
When you get back to the Photoshop Print Settings window, make sure Color Handling says Printer Manages Color and hit print.

Black and White Settings

To print black and white the process is the same as above except the Printer Settings window.



Change Print Mode to Advanced B&W Photo, and Color Toning to Neutral. The next step is a secret hidden step. After you make the print mode and color toning changes, click on "Advanced Color Settings."



This window will appear. Change Print Mode to Advanced B&W Photo, and make sure Color Toning is Neutral. Click save and you are done.

When you get back to the Photoshop Print Settings window, make sure Color Handling says Printer Manages Color and hit print.

You are now a printing master!
