

# How to Save SVG Designs as a PNG or JPEG Image:

1. If you haven't already, Download and install the free program, Inkscape: <https://inkscape.org/>
2. Open up the Inkscape software, then open the desired SVG file by going to the File menu and choosing Open.
3. Go to the File menu and choose Document Properties.
4. In the Page tab of the Document Properties palette, change the default unit to inches or cm.
5. Still in the Page tab, in the area for custom size, change the units to inches, cm, or pixels depending on what unit of measurement you wish to use. Then choose the size you want your image to fit into. Close the Document Properties palette window when you are done.
6. If needed, move the different shapes to configure them how you would like them to be arranged. Anything that you do not want to be a part of the image can be moved off the page area.
7. Change the color and size of any objects as needed. Detailed instructions for changing color and size can be found at the following link: <http://tiny.cc/EditPrintSVG>
8. Go to the File menu and choose Document Properties.
9. In the new window that opens, click on the swatch bar next to the word "Background."
10. In the new window that opens, choose the HSL tab.
11. Within the HSL tab, select what you want for the background color:
  - **TRANSPARENT BACKGROUND:** Set the A value to zero 0. Note that JPEG images CANNOT save with a transparent background. Transparency only works with PNG images.
  - **WHITE BACKGROUND:** Set the A value to the maximum, and the L value to the maximum
  - **BLACK BACKGROUND:** Set the A value to the maximum, and the L value to zero 0
  - **SPECIFIC HEX BACKGROUND COLOR:** If you know the RGB hex code for your desired background color, next to RGBA, put in the 6 digit hex code followed by ff at the very end. So if your hex code is 3d6f77 then you would enter 3d6f77ff for the RGBA value
  - **SELECT A BACKGROUND COLOR:** Set the A value to the maximum, then move the H slider to the desired hue, the S slider to the desired saturation, and the L slider to the desired lightness.

12. Close the two windows for background color and document properties.
13. Go to the File menu and choose Export PNG Image.
14. At the top choose the button for Page, Drawing, or Selection
  - **PAGE** will create a PNG (or JPEG) of only the things within the page boundaries and the total size will equal the total size of the page area, including any blank spaces on the page
  - **DRAWING** will create a PNG (or JPEG) of all elements within the document, even anything you may have moved off of the page
  - **SELECTION** will create a PNG (or JPEG) of only the items within the dashed line of the selection made using the arrow tool
15. Under “Image Size” to the left of DPI, change the DPI number, depending on if you will be printing the image file or if you will be using it on a screen.

If you are using the file for print, change the DPI to 300. This will ensure that the PNG image has a good resolution when printed at the size you had determined.

If you are using the file for screen, change the DPI to 96.
16. Click “Export As” and choose your desired file name and location.
17. Under “Save as type” choose whether you want to save the image as a PNG or JPEG.
18. Click Save and the PNG (or JPEG) file will save to the location you have specified.
19. Close the export PNG palette window.
20. If you wish to save your changes on the SVG, we recommend changing the name of the file so that the original download is left in tact. From the File menu, choose Save As and create a new name for the updated file.