

# HOW TO:

## FORMAT A FILE FOR LASER CUTTING

1. Go to **File** menu and **Document Properties** to set your page size and orientation.

You might want to set it to the size of your chosen material

eg. 600mm width x 400mm height for 3mm laser plywood

2. Make sure your design is positioned inside the boundary of your page.

Any areas that overlap the edge of your page will not show up when you go to laser cut.

3. Go to **Object** menu and click **Fill & Stroke**.
4. For shapes you want to laser cut, use these settings:

Fill = **No paint**

Stroke paint = **Flat colour**

**RGB Black (#000000)**

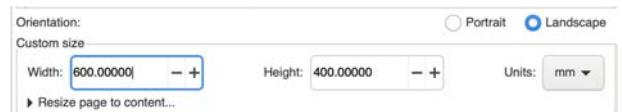
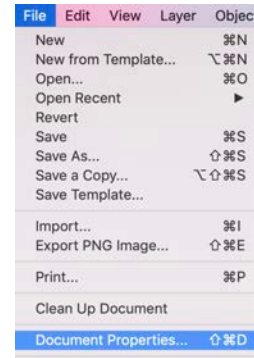
R = 0

G = 0

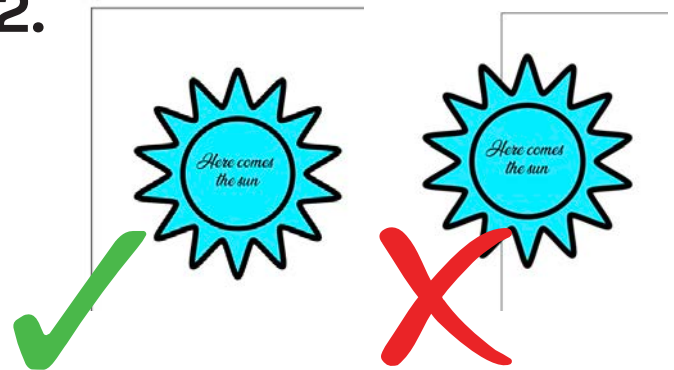
B = 0

A = **100** (full opacity)

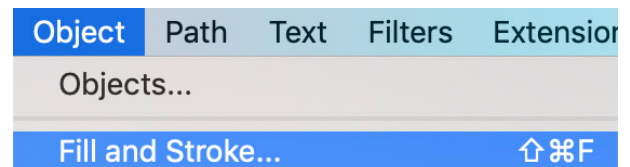
1.



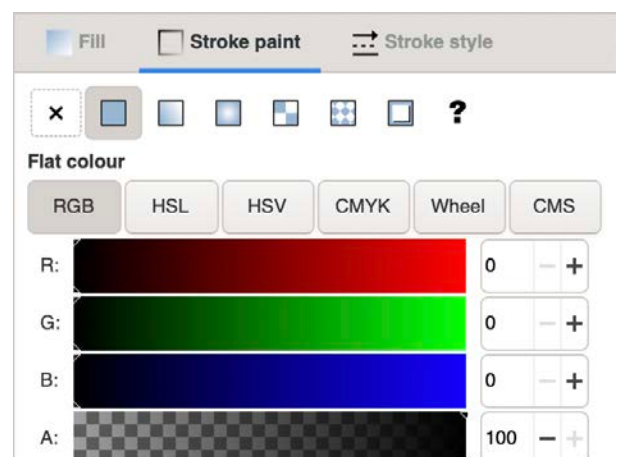
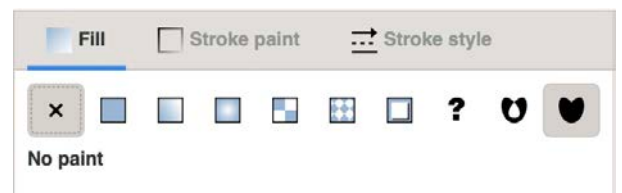
2.



3.



4.



Stroke style = **0.1 mm**

5. For lines that you want to engrave, use the same Fill and Stroke paint settings in step 4.

Stroke style = **0.2 mm minimum**

Or increase the line width for thicker looking lines.

eg. 2mm or 5mm

6. For areas you want to engrave, such as text or full shapes, use these settings:

Fill = **Flat colour**  
**RGB Black (#000000)**

R = 0

G = 0

B = 0

A = **100** (full opacity)

Stroke paint = **No paint**

Stroke style = **N/A**

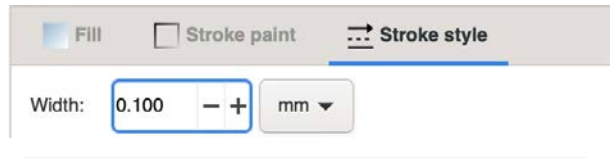
7. Double check that your file is the correct size, positioned inside your page and formatted correctly.

8. Go to **File** menu and click **Save As...**

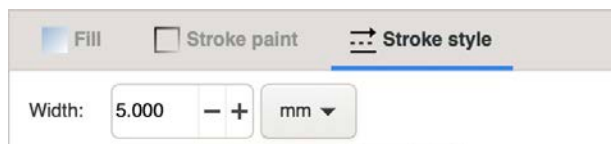
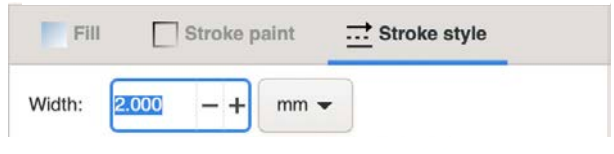
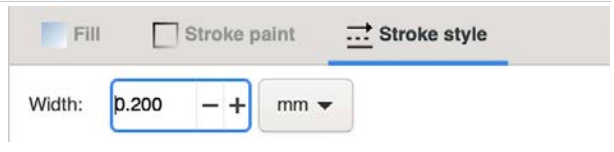
Save 2 copies of your design to your desktop - one as **Inkscape SVG (.svg)** and one as **Portable Document Format (.pdf)**.

Click OK in the pop-up box.

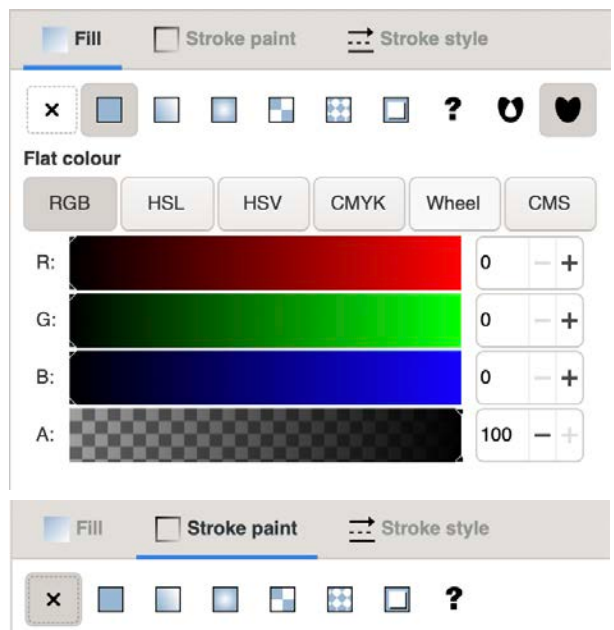
Transfer your files to your USB stick, and you're ready to laser cut!



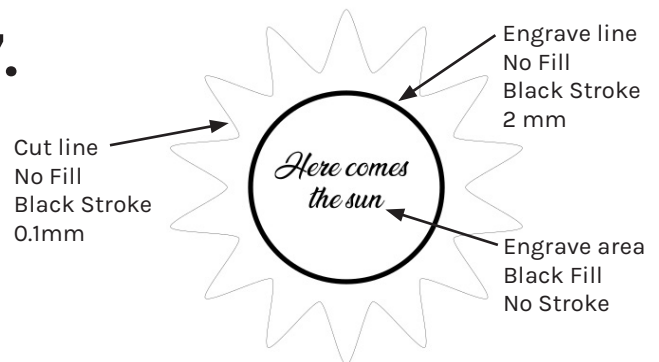
5.



6.



7.



8.

