

Choose a suitable source

Start with artwork you own or have permission to convert.
Use a clean, sharp source rather than a thumbnail or screenshot of a screenshot.
Logos, icons and flat illustrations are easier starting points than detailed photographs.
Keep a copy of the original; tracing is an approximation, not a recovery of the original vector design.

Prepare the image

Crop unused margins so you can judge the artwork clearly.
Keep the original proportions when resizing. Enlarging a small raster does not restore missing detail.
Avoid repeatedly exporting JPEG: compression can introduce edge artifacts.
Check fine lines, small text and transparent edges before tracing.
Use the highest-quality source available.

Tune one setting at a time

Begin with the default trace and compare it with the source.
Increase color detail only when meaningful shapes or colors are missing.
Adjust smoothing while watching corners and thin strokes.
Change one control, compare again, and keep the version that best preserves the intended shape.
More detail can also mean more paths and a larger file.

Inspect before downloading

Compare the source and trace at the intended display size.
Zoom in to inspect corners, gaps, thin strokes and edge noise.
Check both small and large shapes; a smooth outline can still lose an interior detail.
Do not assume the SVG will be smaller than the source.
For cutting or manufacturing, validate the paths separately in the destination software.

Check the delivered SVG

The .svg extension alone does not prove an image was traced: SVG can contain embedded raster images.
Open the result in a compatible vector editor and inspect its objects.
Confirm the artwork remains legible at the size you actually need.
Keep the raster source and the chosen tracing settings with the exported result.
A path-based result may still need manual cleanup, especially for text or intricate artwork.

Browser workflow example

Example tool: [JPG to SVG](#) (the contributor's project).
Use a JPG, PNG or still WebP image; crop or resize if needed, then trace and compare.
The example tool processes images locally in the browser and handles one image at a time.
Its output contains SVG paths; it does not guarantee a perfect match or ready-to-cut geometry.
Apply the quality checks above before reusing any traced output.



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