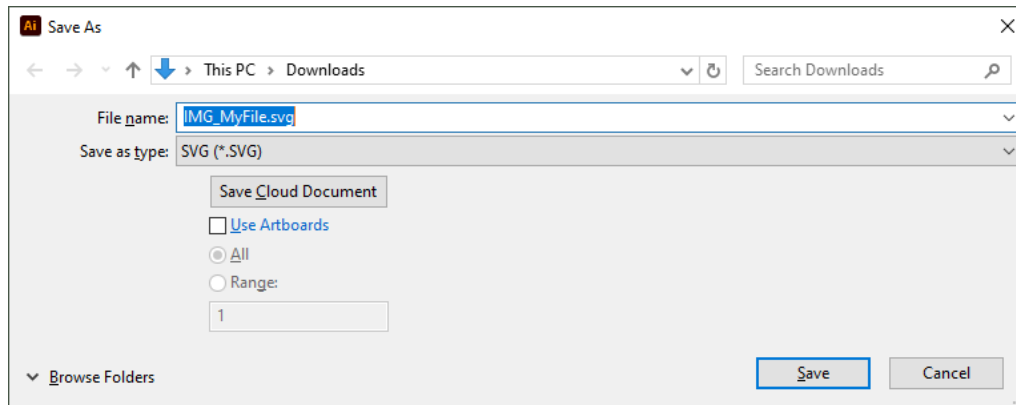


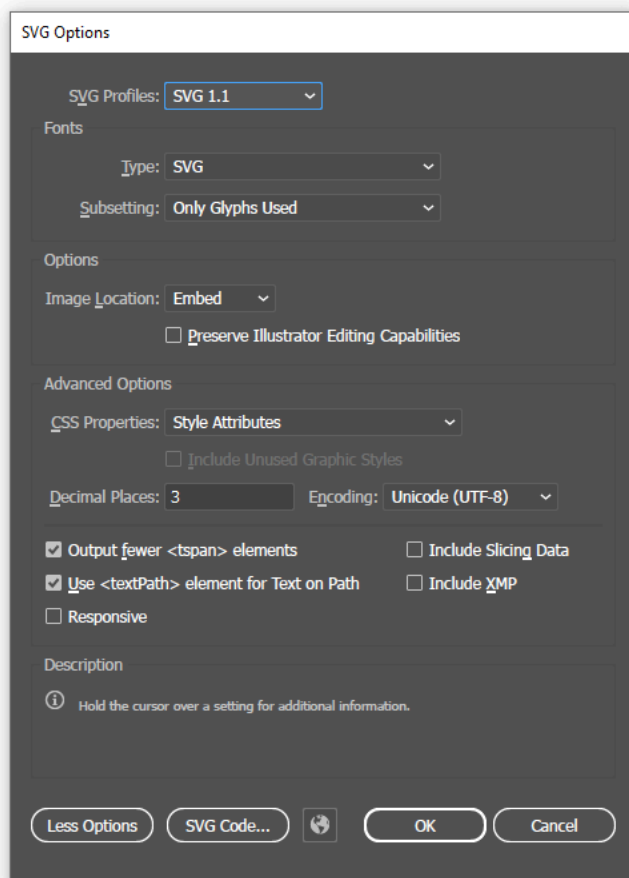
SAVE AS SVG

In this topic you will learn about the correct settings to use when you want to export an illustration to SVG with  [Adobe Illustrator](#) .

1. Open the EPS or AI file you want to export to SVG in  [Adobe Illustrator](#) .
2. Click **File** > (and then)**Save as...** and choose a location. Make sure you are following the file naming pattern.

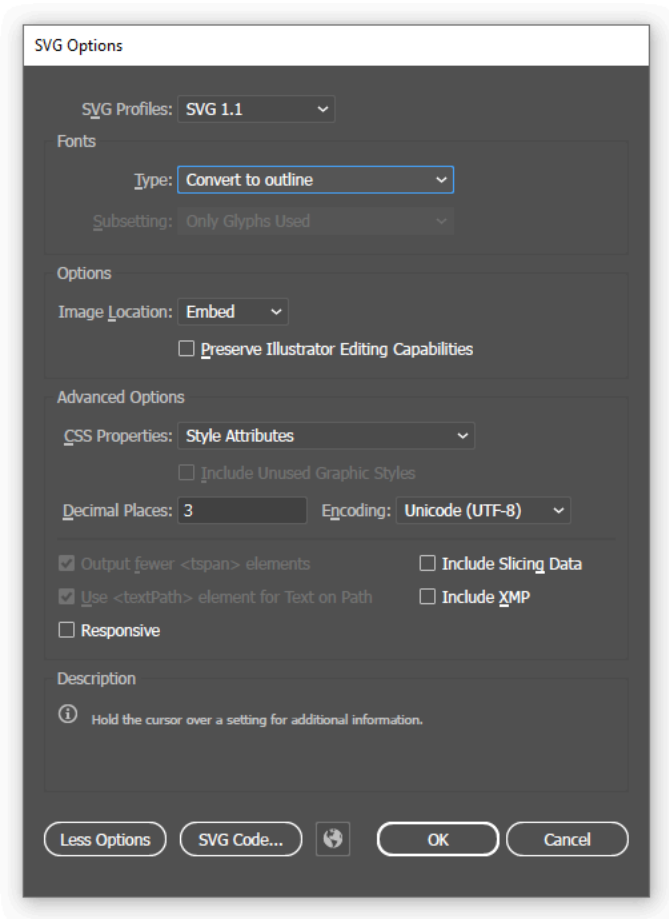


3. In the **SVG Options** window, click the **More Options** button and choose the following settings.
The recommended settings and the explanations have been stolen from this excellent [StackOverflow answer](#).



Note:

If you want, you can also convert all glyphs to outlines by setting **Fonts Type** to `Convert to outline` . This removes all potential font rendering issues.



SVG Profiles

SVG 1.1

All modern desktop and mobile browsers support this standard. SVG Tiny/Basic is a very unpopular subset of SVG, which is only supported by some browsers and rendering engines, which does not result in smaller file sizes.

Type

SVG or Convert to outline

This settings specifies, if you would like to keep the text intact. This is mainly important, if the SVG needs to be translated. Screen readers to not really matter for us and our audience.

Subsetting

Only Glyphs Used

This setting guarantees, that the necessary font information to properly render the glyphs will be integrated into the SVG file, but not the entire font file (TTF or OTF file). So do not select *None (Use System Fonts)*, because this would imply that the image could not be properly rendered, when the font is not available on the users device. And also do not use *All Glyphs*, because this would significantly blow up the SVG, as the entire font would be embedded.

Image Location

Embed

If the SVG itself contains other images, for example a PNG screenshot, the image should not be embedded in the SVG. An SVG should never link to external image files.

CSS Properties

Style Attributes

Styling information made with CSS properties should be stored in `@style` attributes as in HTML and not in `<style>` elements.

Decimal Places

3

Specific enough.

Encoding

Unicode (UTF-8)

Output fewer `<tspan>` elements

Yes

Leads to cleaner XML code.

Use <textPath> element for Text on Path

Yes

Seems to better style.

Responsive

No

Caution!:

Missing @height and @width attributes if set

The @height ... @width are missing in the SVG file when this setting is activated. But we need specific image dimensions to have control about the appearance in the output format. Unfortunately,  [Adobe Illustrator](#) always outputs the dimensions in `px` and not in `mm`, even when the artboard dimensions are in `mm`. But if we have at least the dimensions in `px`, we can easily convert this to `mm` with a script or a Schematron rule.

Make sure you do not activate this setting.

Include Slicing Data

No

This is not needed and just clutters the SVG. The SVG file is not meant to be edited, because we are keeping the AI file, so we don't need this extra information.

Include XMP

No

XMP metadata is also just cluttering the file and does not help.

4. Optionally, click the `SVG Code...` button to get a preview of the SVG content, which adapts to the settings you make in the **SVG Options** dialog window.

5. Click the `OK` button to save your SVG file.