css

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```
title: Customising icons with CSS variables
```

Customising icons with CSS variables

This applies to all SVG + CSS component packages:

- @iconify-vue/* packages for Vue.
- @iconify-svelte/* packages for Svelte.
- @iconify-react/* packages for React.
- @iconify-solid/* packages for SolidJS.

You can customise icons using CSS variables, without editing icons.

This is done by setting custom CSS variables, which override default values used in icons. See examples below.

What is customisable?

The following properties can be customised:

- all colors
- stroke width
- opacity

Variable names

Variables are generated based on icon content (see examples below):

- `[prop]--svg-color--{color}` for colors, where `[prop]{color}` is color value in lower case without "#"
- `[prop]--svg-stroke-width--{stroke}` for stroke width, where `[prop]{stroke}` is original stroke width "px" suffix and without dots
- `[prop]--svg-opacity--{value}` for opacity, where `[prop]{value}` is original value
- `[prop]--svg-fill-opacity--{value}` for fill-opacity, same as above

Variable names are generated from original value in lower case, replacing:

- All characters other than 0-9 and a-z are replaced with dash
- Leading and trailing dashes are removed, except for when value starts with '-' (negative number)

Examples:

- Color "#F80" becomes "f80"
- Stroke width "1.5px" becomes "1-5px"
- Negative number "-0.5" becomes "-0-5"

Examples

Usage examples with usable CSS

Stroke width

Example customising stroke width in Tabler Icons:

```
svg {
  /* replace 2px stroke width with 1.5px */
  --svg-stroke-width--2px: 1.5px;
}
```

Opacity

Example customising opacity in two tone Google Material Icons:

```
svg {
  /* replace 0.3 with 0.5 */
  --svg-opacity--0-3: 0.5;
}
```

Example customising opacity in two tone IconaMoon:

```
svg {
  /* replace 0.15 with 0.4 */
  --svg-opacity--0-16: 0.4;
}
```

Colors

Example customising colors in Freehand color icons:

```
svg {
  /* replace blue color */
  --svg-color--0c6fff: red;
  /* replace black color */
  --svg-color--020202: currentColor;
}
```

This does not apply to `[prop]currentColor` used in monotone icons.

To change `[prop]currentColor`, simply change text color:

```
svg {
  color: red;
}
```

Icon specific variables

To customise icon, first you need to know what colors, opacity and stroke-width values are used in that specific icon.

Most icon sets are consistent, icons in one icon set usually use the same value, however, that is not always the case.

Inspect icon

Where to see actual variables used in a specific icon?

Currently the only way is to inspect icon in browser or editor.

Soon you will be able to do that on Iconify icon sets website.

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