

# Svelte.js X TailwindCSS

---

## Install Tailwind

At the root of the project, run :

```
npm install tailwindcss@npm:@tailwindcss/postcss7-compat postcss@^7
autoprefixer@^9
npm install --save-dev svelte-preprocess
# or
yarn add tailwindcss@npm:@tailwindcss/postcss7-compat postcss@^7
autoprefixer@^9
yarn add --dev svelte-preprocess
```

## Create config file for Tailwind

At the root of the project, run :

```
npx tailwindcss init tailwind.config.js
```

The file created contains the default config of tailwindCSS, we're going to update it.

Add these lines at the end of the `module.exports` object :

```
future: {
  purgeLayersByDefault: true,
  removeDeprecatedGapUtilities: true,
},
```

All classes that come with Tailwind are added to the project by default. So, even if you don't use a single Tailwind class in your HTML, your project still carries the entire library, making it heavy.

We want our files to be as small as possible, so we can use purge to remove all of the unused utility classes from our project before pushing the code.

Then in the purge property, we can add:

```
purge: {
  content: [
    "./src/**/*.svelte",
  ],
  enabled: true
},
```

The `tailwind.config.js` file looks like :

```

module.exports = {
  future: {
    purgeLayersByDefault: true,
    removeDeprecatedGapUtilities: true,
  },
  plugins: [

  ],
  purge: {
    content: [
      "./src/**/*.svelte",

    ],
    enabled: true
  },
};

```

## Making Tailwind compatible with Svelte

In the `rollup.config.js` file, import the `sveltePreprocess` package.

```
import sveltePreprocess from "svelte-preprocess";
```

Under the `plugins` property, we have the `svelte` module. Add the following line in the module :

```

preprocess: sveltePreprocess({
  sourceMap: !production,
  postcss: {
    plugins: [require("tailwindcss"), require("autoprefixer")],
  },
}),

```

Requiring Tailwind and Autoprefixer permit to process the CSS generated by these tools.

## Injecting Tailwind Styles into the project

It's best to inject all of the above into a high-level component so they're accessible on every page.

In `App.svelte`, add the following script tag :

```

<style global lang="postcss">
  @tailwind base;
  @tailwind components;
  @tailwind utilities;
</style>

```

Now you can develop your webApp using Svelte and TailwindCSS

