

# CSS

## manifest-css.json

One quirk of Vite's manifest system is that it does not directly generate a manifest for CSS assets. To get around this the CTFd developers created a Vite plugin ([vite-manifest-css](#)) which will create a separate manifest specifically for CSS files called `manifest-css.json`.

This can be used by importing `CSSManifestPlugin` and then including it as a Vite plugin as shown in the following Vite config example:

```
const { resolve } = require("path");
import { defineConfig } from "vite";
import { CSSManifestPlugin } from "vite-manifest-css";

// https://vitejs.dev/config/
export default defineConfig({
  plugins: [CSSManifestPlugin()],
  build: {
    manifest: true,
    outDir: "static",
    rollupOptions: {
      input: {
        index: resolve(__dirname, "assets/js/index.js"),
        main: resolve(__dirname, "assets/scss/main.scss"),
      },
    },
  },
});
```

A generated example of `manifest-css.json` would be:

```
{
```

`manifest-css.json`

`Assets.css()`

```
"main.css": {  
    "file": "assets/main.b16debf0.css"  
}
```

## Assets.css()

CTFd provides a helper to automatically include CSS files based on a key in `manifest-css.json`.

Using the previous `manifest-css.json` example, if a template includes `{{ Assets.css("main.css") }}`, CTFd will generate something like:

```
<link rel="stylesheet" href="/themes/core/static/assets/main.b16debf0.css" />
```

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