



SASS

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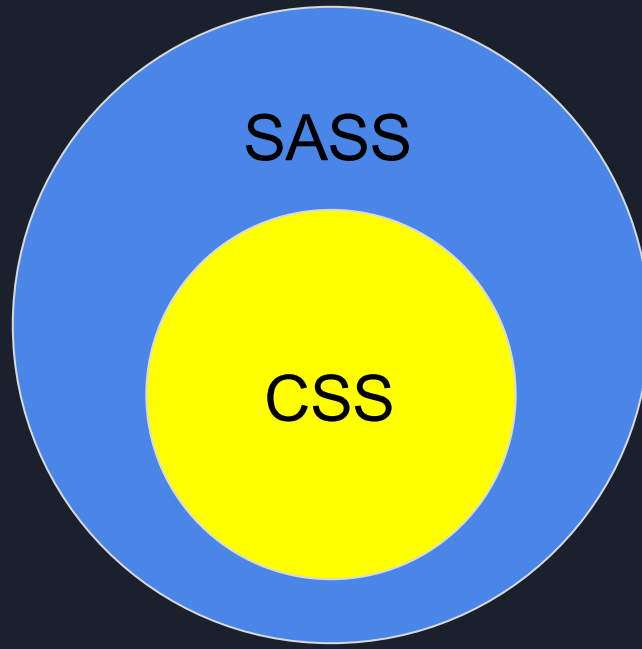
SASS

CSS on its own can be fun, but stylesheets are getting larger, more complex, and harder to maintain. This is where a preprocessor can help. Sass lets you use features that don't exist in CSS yet like variables, nesting, mixins, inheritance and other nifty goodies that make writing CSS fun again. Once you start tinkering with Sass, it will take your preprocessed Sass file and save it as a normal CSS file that you can use in your web site.

sass-lang.com



SASS, a SuperSet of CSS





SASS

Qué es?

- Superset de CSS
- Compila a CSS

Características

- Variables
- Nesting
- Partials
- Import
- Mixins
- Inheritance
- ...



Variables

SCSS

```
$font-stack: Helvetica, sans-serif;
$primary-color: #333;

body {
  font: 100% $font-stack;
  color: $primary-color;
}
```

CSS

```
body {
  font: 100% Helvetica, sans-serif;
  color: #333;
}
```



Nesting

SCSS

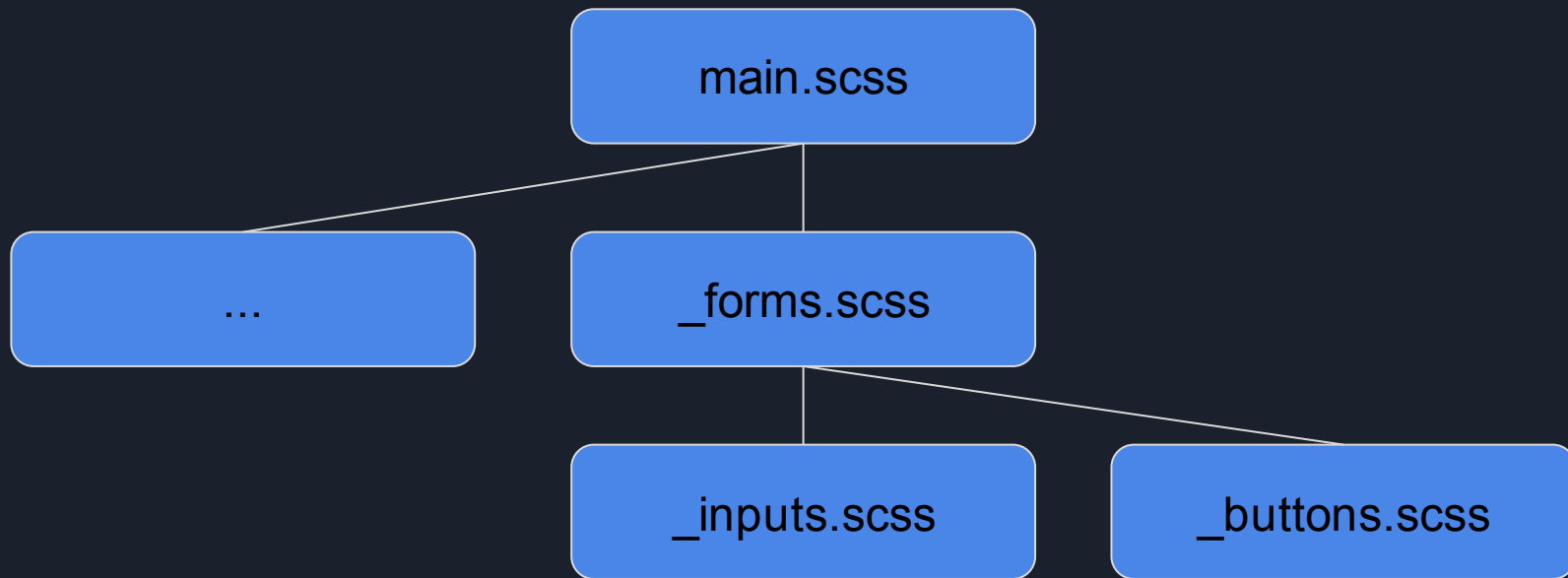
```
nav {  
  ul {  
    margin: 0;  
    padding: 0;  
    list-style: none;  
  }  
  
  li { display: inline-block; }  
  
  a {  
    display: block;  
    padding: 6px 12px;  
    text-decoration: none;  
  }  
}
```

CSS

```
nav ul {  
  margin: 0;  
  padding: 0;  
  list-style: none;  
}  
  
nav li {  
  display: inline-block;  
}  
  
nav a {  
  display: block;  
  padding: 6px 12px;  
  text-decoration: none;  
}
```



Partials





Import

SCSS

```
// _reset.scss

html,
body,
ul,
ol {
  margin: 0;
  padding: 0;
}

// base.scss

@import 'reset';

body {
  font: 100% Helvetica, sans-serif;
  background-color: #efefef;
}
```

CSS

```
html, body, ul, ol {
  margin: 0;
  padding: 0;
}

body {
  font: 100% Helvetica, sans-serif;
  background-color: #efefef;
}
```




Mixins

SCSS

```
@mixin border-radius($radius) {  
  -webkit-border-radius: $radius;  
  -moz-border-radius: $radius;  
  -ms-border-radius: $radius;  
  border-radius: $radius;  
}  
  
.box { @include border-radius(10px); }
```

CSS

```
.box {  
  -webkit-border-radius: 10px;  
  -moz-border-radius: 10px;  
  -ms-border-radius: 10px;  
  border-radius: 10px;  
}
```



Extend / Inheritance

SCSS

```
.message {  
  border: 1px solid #ccc;  
  padding: 10px;  
  color: #333;  
}  
  
.success {  
  @extend .message;  
  border-color: green;  
}  
  
.error {  
  @extend .message;  
  border-color: red;  
}  
  
.warning {  
  @extend .message;  
  border-color: yellow;  
}
```

CSS

```
.message, .success, .error, .warning {  
  border: 1px solid #cccccc;  
  padding: 10px;  
  color: #333;  
}  
  
.success {  
  border-color: green;  
}  
  
.error {  
  border-color: red;  
}  
  
.warning {  
  border-color: yellow;  
}
```



Compilador

- Instalación via NPM

```
npm install -g node-sass
```

- Abrir consola en la carpeta deseada

```
node-sass archivo.scss archivo.css
```