

Prosensia Internship Report

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✓ What is Sass and SCSS?

Sass (Syntactically Awesome Stylesheets) is a CSS preprocessor that extends CSS with features like variables, nesting, mixins, inheritance, and functions. It helps keep stylesheets clean, organized, and reusable.

Sass comes in two syntaxes:

1. SCSS (Sassy CSS)

- Uses curly braces {} and semicolons ;, just like regular CSS.
- Fully compatible with existing CSS files.
- File extension: .scss

Example:

```
$primary-color: blue;
```

```
body {  
  background-color: $primary-color;  
}
```

2. Sass (Indented Syntax)

- Uses indentation instead of curly braces and semicolons.
- Shorter syntax but less familiar to most developers.
- File extension: .sass

Example:

```
$primary-color: blue
```

```
body  
  background-color: $primary-color
```

🔗 SCSS vs Sass - Syntax Comparison

Feature	SCSS	Sass
File Extension	.scss	.sass
Syntax Style	CSS-like with {} and ;	Indentation-based, no {} or ;
Compatibility	Fully CSS compatible	Not directly CSS-compatible
Popularity	More widely used	Less commonly used

🔗 Summary:

- Both Sass and SCSS are syntaxes of the Sass preprocessor.
- SCSS is more popular and familiar to developers due to its similarity with CSS.
- Sass and SCSS offer powerful features like variables, mixins, nesting, and more.
- You can choose either syntax based on preference, but SCSS is the more common choice today.