**Components in CSS**

**Components** are reusable blocks of CSS code that define the styles for a specific element or group of elements. They promote code organization, reusability, and maintainability in web development.

**Creating a Card Component with Sass:**

SCSS

.card {

border: 1px solid #ccc;

border-radius: 5px;

padding: 20px;

}

.card-image {

width: 100%;

height: 200px;

object-fit: cover;

}

.card-title {

font-size: 18px;

font-weight: bold;

margin-bottom: 10px;

}

.card-description {

font-size: 14px;

color: #666;

}

.card-button {

display: block;

margin-top: 10px;

padding: 10px;

background-color: #007bff;

color: white;

border: none;

border-radius: 5px;

cursor: pointer;

}

Use code [with caution.](/faq#coding)

**Compiled CSS:**

CSS

.card {

border: 1px solid #ccc;

border-radius: 5px;

padding: 20px;

}

.card-image {

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**Structuring Components in a Sass Project:**

1. **Create a components folder:** Store your component Sass files in this folder.
2. **Import components:** Use the @import rule to import components into your main stylesheet.
3. **Organize components:** Group related components into subfolders for better organization.

**Example:**

SCSS

// main.scss

@import "components/card";

@import "components/button";

Use code [with caution.](/faq#coding)

**Benefits of Using Components:**

* **Reusability:** Components can be used multiple times throughout your project, reducing code duplication.
* **Maintainability:** Changes to a component's styles can be made in one place, affecting all instances of that component.
* **Modularity:** Components can be organized into separate files, making your project structure more modular and easier to manage.