



- Single Responsibility Principle in CSS
The role of the Single Responsibility Principle in CSS architecture
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...

```
```css .posts-main { margin: 0 auto; width: 90%; }

.blogpost { width: calc(33% - 16px); background-color: #ccc; padding-bottom: 1rem; margin: 0; display: inline-block; border: 8px white solid; }

.featured-article { width: calc(33% - 16px); background-color: #7f7; padding-bottom: 1rem; margin: 0; display: inline-block; border: 8px #050 solid;
}

.blogpost__thumbnail { width: 80%; margin: 10% 10% 1rem 10%; }

.blogpost__title { font-size: 1.4rem; margin: 0.25rem 10%; }

.blogpost__summary { margin: 0.25rem 10% 1rem 10%; } ```
```

There are six blogposts. Notice the `.blogpost` class and the `.featured-article` class. You can recognize quite a few similarities between the two because some of the rules just got copy pasted from one place to another. This is a violation of the single responsibility principle.

We can simply reuse the `.blogpost` class everywhere and then use the `.featured-article` class to describe the difference between the regular blogpost and the featured article. This implies that whenever we change the generic blogpost, we don't have to change the featured class anymore because of the reason that the feature article is also a blogpost and the generally cruel for blogpost applied for featured articles as well. As a side note we can implement it using the `@extend` feature of Sass.

```
```css .posts-main { margin: 0 auto; width: 90%; }

.blogpost { width: calc( 33% - 16px ); padding-bottom: 1rem; margin: 0; display: inline-block; }

.blogpost--normal { /* @extend .blogpost; */ background-color: #ccc; border: 8px white solid; }

.blogpost--featured { /* @extend .blogpost; */ background-color: #7f7; border: 8px #050 solid; }

.featured-article { width: calc( 33% - 16px ); background-color: #7f7; padding-bottom: 1rem; margin: 0; display: inline-block; border: 8px #050 solid;
}

.blogpost__thumbnail { width: 80%; margin: 10% 10% 1rem 10%; }

.blogpost__title { font-size: 1.4rem; margin: 0.25rem 10%; }

.blogpost__summary { margin: 0.25rem 10% 1rem 10%; } ```
```

This wraps up the section on single responsibility principle. You can read a lot more about it on the Internet.