

# The Don't Repeat Yourself Principle

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# Code can get complicated

In general, the more code we have in a file, the harder it is to read and edit that code

# *Introducing*

## ***The Don't Repeat Yourself (DRY) Principle***

The idea that we shouldn't have repeated code because it makes the code harder to read and edit

Imagine we  
had these rules  
in our CSS file

```
p {  
    color: blue;  
}
```

```
h1 {  
    color: blue;  
}
```

```
a {  
    color: blue;  
}
```

What if we realize  
blue is the wrong  
color, and we  
actually want

`rgb(200, 10,  
220)`

```
p {  
  color: blue;  
}
```

```
h1 {  
  color: blue;  
}
```

```
a {  
  color: blue;  
}
```

We have to  
remember to  
change it in 3  
different  
places!

```
p {  
  color: blue;  
}  
  
h1 {  
  color: blue;  
}  
  
a {  
  color: blue;  
}
```

If we want the same exact style on multiple selectors, we can group them together with commas!

```
p, h1, a {  
    color: blue;  
}
```



Now we only have  
to change the rule  
in one place

```
p, h1, a {  
    color: rgb(200, 10, 220);  
}
```



Alternatively, we could put all the elements we want styled inside a div, and style that div

```
.special-color {  
    color: rgb(200, 10, 220);  
}
```

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```
<div class="special-color">  
  <h1>Welcome</h1>  
  <p>This text is special</p>  
  <a href="test.html">Link</a>  
</div>
```

**Let's look at some examples**

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