

SECTION 4

CSS

Adding Style to Your HTML

What is CSS

Cascading **S**tyle **S**heet

```
36 - img {
37   max-width: 100%;
38   height: auto;
39 }
40 - h1, h2, h3, h4, h5, h6 {
41   margin: 0 0 26px;
42   color: deeppink;
43   font-weight: normal;
44   font-family: 'Bungee', sans-serif;
45   text-transform: uppercase;
46 }
47 - p {
48   margin-bottom: 26px;
49 }
50 - p:last-child {
51   margin-bottom: 0;
52 }
53
54 - a {
55   color: dodgerblue;
```

Cascading **Style Sheet**

Styling HTML Elements

```
<h2>How to Become an Astronaut</h2>
```

```
<h2>Women in Space</h2>
```

Style Sheet Rules

Selector




h2

Style Sheet Rules

Opening Curly Brace

h2 {



}



Closing Curly Brace

Style Sheet Rules

```
h2 {  
  font-size: 22px;  
}
```

The diagram illustrates the components of a CSS rule. A light blue bracket underlines the text 'font-size' and is labeled 'Property'. A second light blue bracket underlines the text '22px' and is labeled 'Value'. The opening curly brace '{' is positioned to the left of the 'font-size' bracket, and the closing curly brace '}' is positioned to the left of the '22px' bracket.

Style Sheet Rules

```
h2 {  
  font-size: 22px;  
}
```


Style Sheet Rules

```
h2 {  
  font-size: 22px;  
}
```

Style Sheet Rules

```
h2 {  
  font-size: 22px;  
}
```

Setting Style Sheet Rules

Style Sheet Rules

```
h2 {  
  font-size: 22px;  
  color: deeppink;  
  font-family: Bungee;  
  text-transform: uppercase;  
  margin-bottom: 26px;  
}
```

Style Sheet Rules

```
h2 {  
  font-size: 22px;  
  color: deeppink;  
  font-family: Bungee;  
  text-transform: uppercase;  
  margin-bottom: 26px;  
}
```

Style Sheet Rules

```
h2 {  
  font-size: 22px;  
  color: deeppink;  
  font-family: Bungee;  
  text-transform: uppercase;  
  margin-bottom: 26px;  
}
```

Style Sheet Rules

```
h2 {  
  font-size: 22px;  
  color: deeppink;  
  font-family: Bungee;  
  text-transform: uppercase;  
  margin-bottom: 26px;  
}
```

Style Sheet Rules

```
h2 {  
  font-size: 22px;  
  color: deeppink;  
  font-family: Bungee;  
  text-transform: uppercase;  
  margin-bottom: 26px;  
}
```


Style Sheet Rules

```
h2 {  
  font-size: 22px;  
  color: deeppink;  
  font-family: Bungee;  
  text-transform: uppercase;  
  margin-bottom: 26px;  
}
```

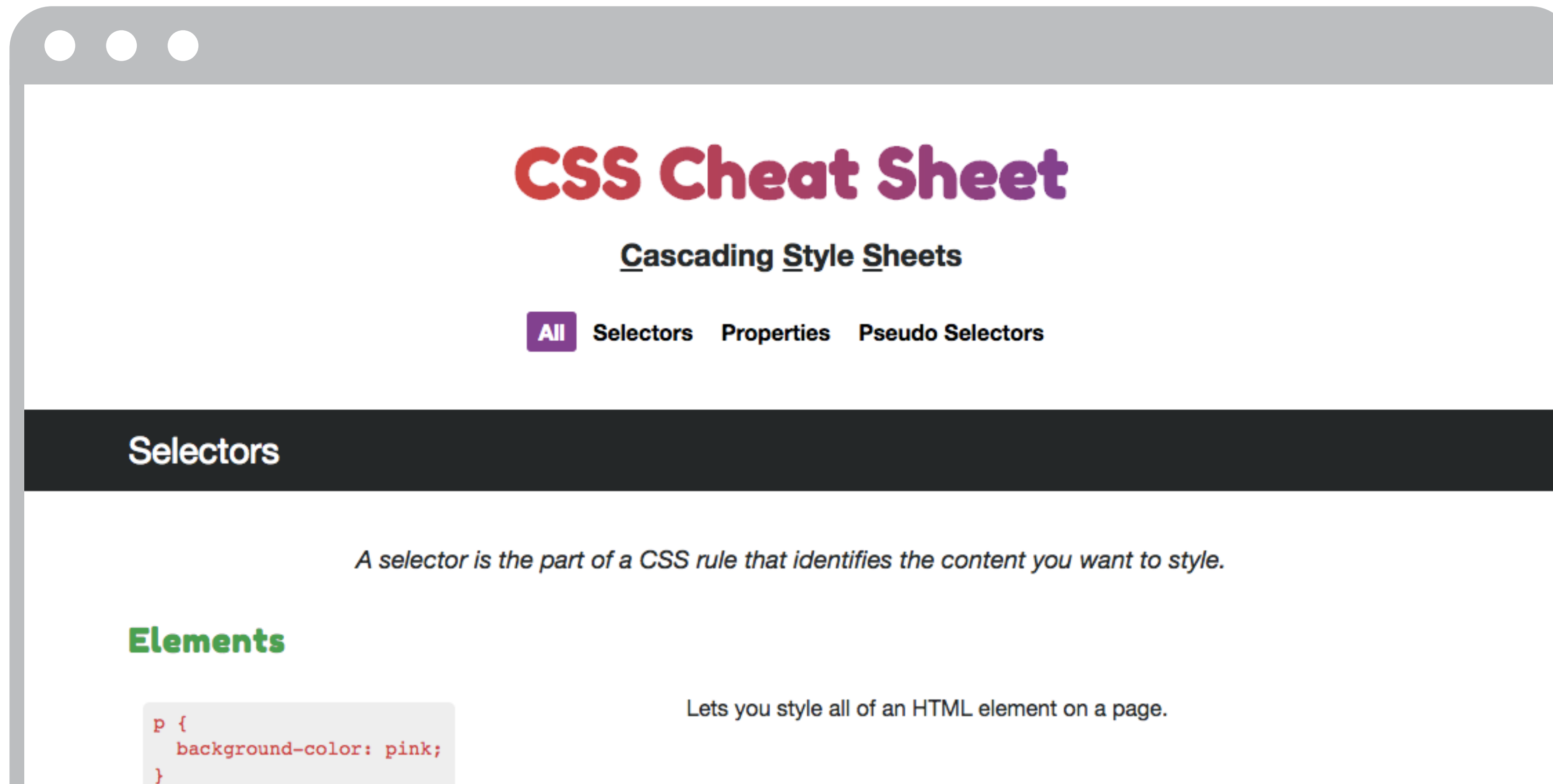
Style Sheet Rules

```
h2 {  
  font-size: 22px;  
  color: deeppink;  
  font-family: Bungee;  
  text-transform: uppercase;  
  margin-bottom: 26px;  
}
```

Finishing Up Our Styles

CSS Cheat Sheet


bit.ly/gcc-css



Class Selectors

HTML


Class Attribute Value



```
<p class="caption">National Aeronautics and Space  
Administration (NASA)</p>
```

Class Selectors

Class Selector



```
.caption {  
  font-size: 13px;  
}
```

Adding a Class

Class Selectors

```
<p class="caption">National Aeronautics and Space  
Administration (NASA)</p>
```

```
<a class="caption" href="https://en.wikipedia.org/wiki/  
NASA">Read more about NASA</a>
```


Class Selectors

```
<p class="caption">National Aeronautics and Space  
Administration (NASA)</p>
```


```
<a class="caption" href="https://en.wikipedia.org/wiki/  
NASA">Read more about NASA</a>
```

Adding a Class to the Anchor Tag

ID Selectors

HTML


ID Attribute



```
<main id="site-content">  
  <h2>How to become an astronaut</h2>  
</main>
```

CSS

ID Selector




```
#site-content {  
  padding: 40px;  
  background-color: whitesmoke;  
}
```

ID Selectors

HTML


ID Attribute



```
<main id="site-content">  
  <h2>How to become an astronaut</h2>  
</main>
```

CSS

ID Selector




```
#site-content {  
  padding: 40px;  
  background-color: whitesmoke;  
}
```

ID Selectors

HTML


ID Attribute



```
<main id="site-content">  
  <h2>How to become an astronaut</h2>  
</main>
```

CSS

ID Selector




```
#site-content {  
  padding: 40px;  
  background-color: whitesmoke;  
}
```

ID Selectors

HTML


ID Attribute



```
<main id="site-content">  
  <h2>How to become an astronaut</h2>  
</main>
```

CSS

ID Selector




```
#site-content {  
  padding: 40px;  
  background-color: whitesmoke;  
}
```

ID Selectors

HTML


ID Attribute



```
<main id="site-content">  
  <h2>How to become an astronaut</h2>  
</main>
```

CSS

ID Selector



```
#site-content {  
  padding: 40px;  
  background-color: whitesmoke;  
}
```

ID Selectors

Bad

```
<header id="site">  
  <h2>How to become an astronaut</h2>  
</header>
```

```
<main id="site">  
  <h2>How to become an astronaut</h2>  
</main>
```

```
<footer id="site">  
  <h2>How to become an astronaut</h2>  
</footer>
```

Good

```
<header id="site-header">  
  <h2>How to become an astronaut</h2>  
</header>
```

```
<main id="site-content">  
  <h2>How to become an astronaut</h2>  
</main>
```

```
<footer id="site-footer">  
  <h2>How to become an astronaut</h2>  
</footer>
```


ID Selectors

Bad

```
<header id="site">  
  <h2>How to become an astronaut</h2>  
</header>
```

```
<main id="site">  
  <h2>How to become an astronaut</h2>  
</main>
```

```
<footer id="site">  
  <h2>How to become an astronaut</h2>  
</footer>
```

Good

```
<header id="site-header">  
  <h2>How to become an astronaut</h2>  
</header>
```

```
<main id="site-content">  
  <h2>How to become an astronaut</h2>  
</main>
```

```
<footer id="site-footer">  
  <h2>How to become an astronaut</h2>  
</footer>
```

ID Selectors

Bad

```
<header id="site">  
  <h2>How to become an astronaut</h2>  
</header>
```

```
<main id="site">  
  <h2>How to become an astronaut</h2>  
</main>
```

```
<footer id="site">  
  <h2>How to become an astronaut</h2>  
</footer>
```

Good

```
<header id="site-header">  
  <h2>How to become an astronaut</h2>  
</header>
```

```
<main id="site-content">  
  <h2>How to become an astronaut</h2>  
</main>
```

```
<footer id="site-footer">  
  <h2>How to become an astronaut</h2>  
</footer>
```

Adding an id to the Header Element

Selector Examples

Elements

h1
img
p

Classes

.captions
.astronauts
.widget

IDs

#site-header
#main-nav
#sidebar

Cascading Style Sheets

Cascading Style Sheets

HTML

```
<footer id="site-footer">  
  <p>Women in Space</p>  
</footer>
```

CSS

```
#site-footer {  
  background-color: black;  
  color: white;  
}
```

Cascading Style Sheets

HTML

```
<footer id="site-footer">  
  <p>Women in Space</p>  
</footer>
```

CSS

```
#site-footer {  
  background-color: black;  
  color: white;  
}
```

Cascading Style Sheets

HTML

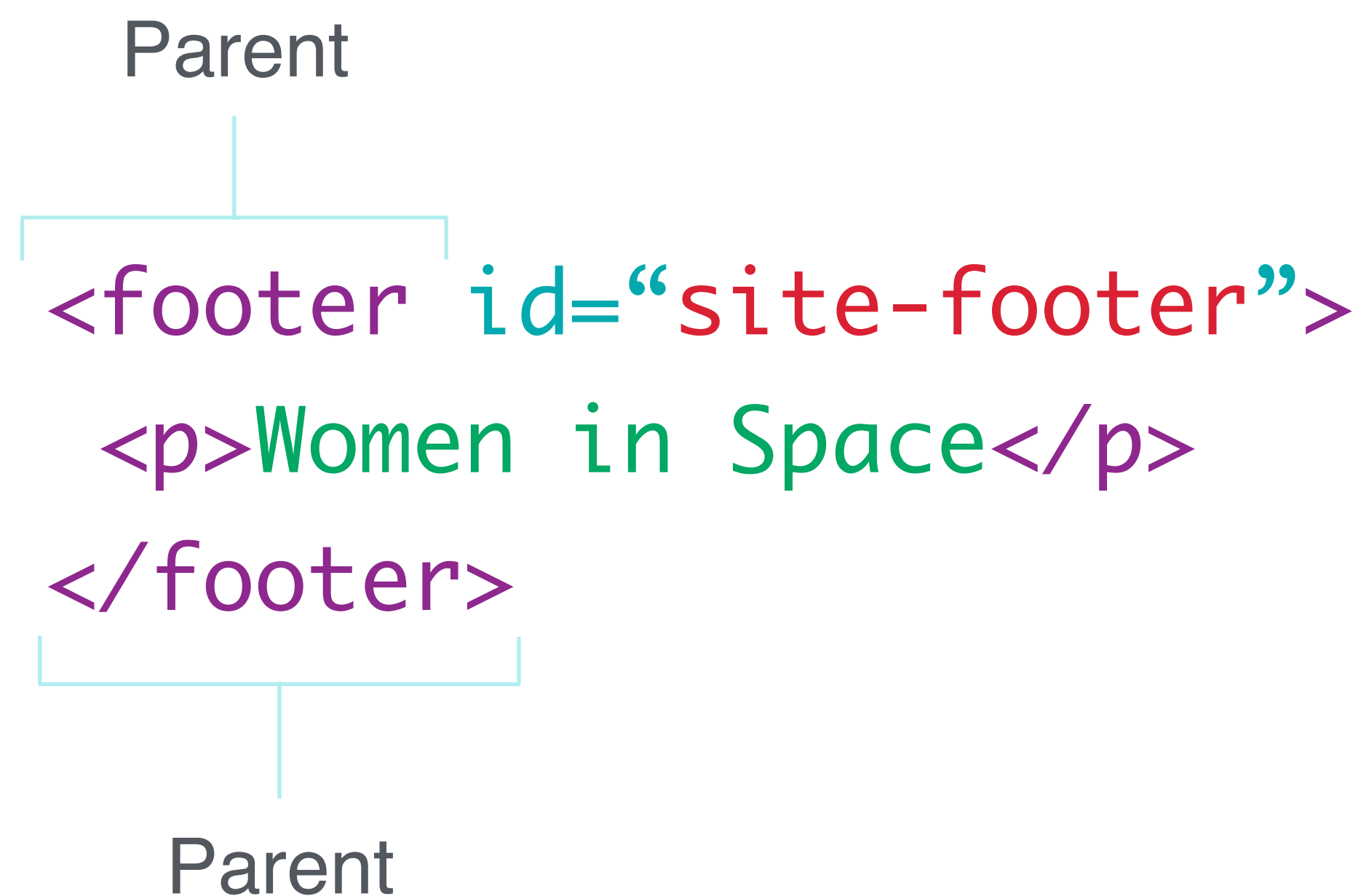
```
<footer id="site-footer">  
  <p>Women in Space</p>  
</footer>
```

CSS

```
#site-footer {  
  background-color: black;  
  color: white;  
}
```


Cascading Style Sheets

HTML

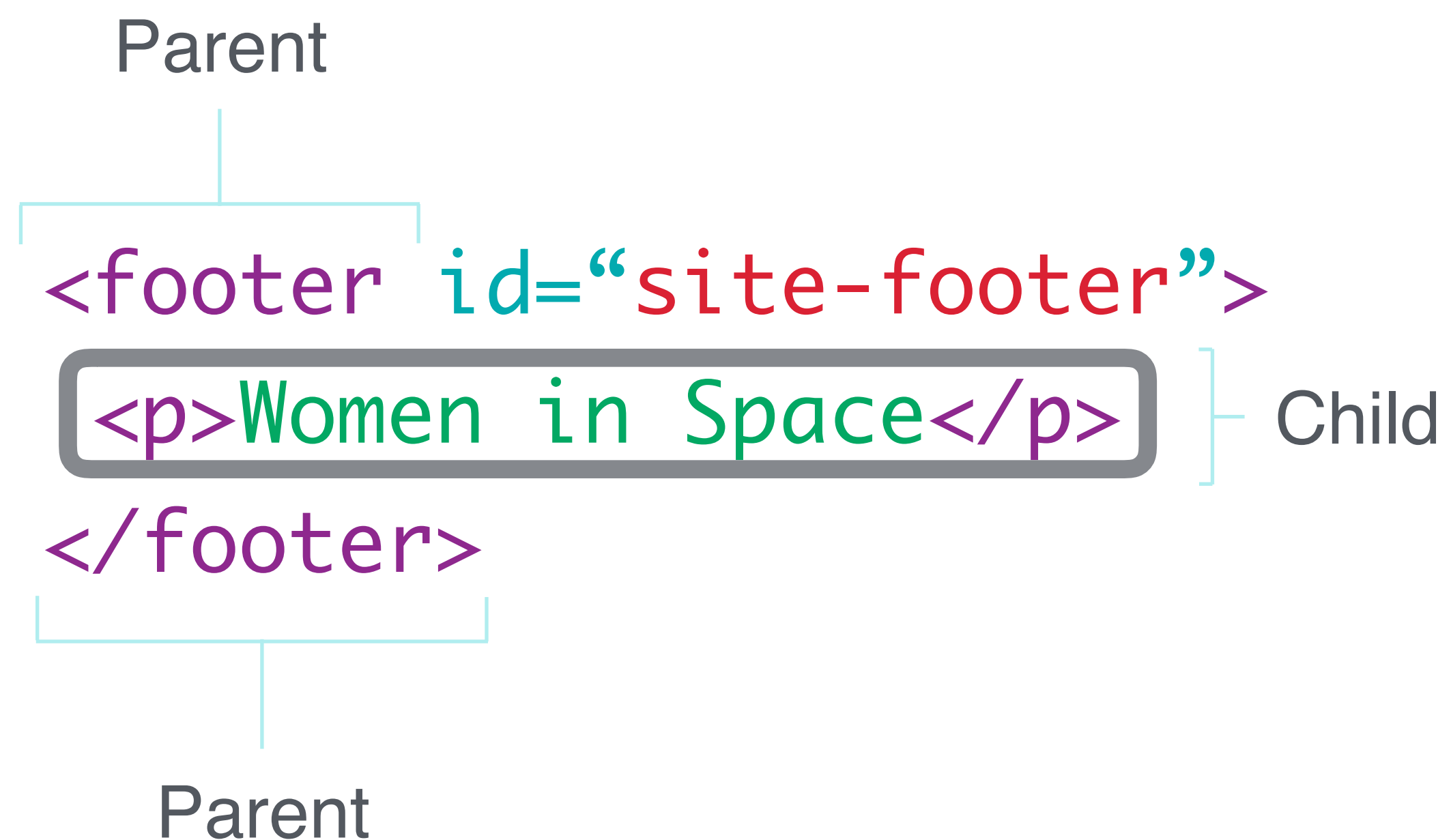


CSS

```
#site-footer {  
  background-color: black;  
  color: white;  
}
```

Cascading Style Sheets

HTML



CSS

```
#site-footer {  
  background-color: black;  
  color: white;  
}
```

Cascading Style Sheets

HTML

```
<footer id="site-footer">  
  <p>Women in Space</p>  
</footer>
```

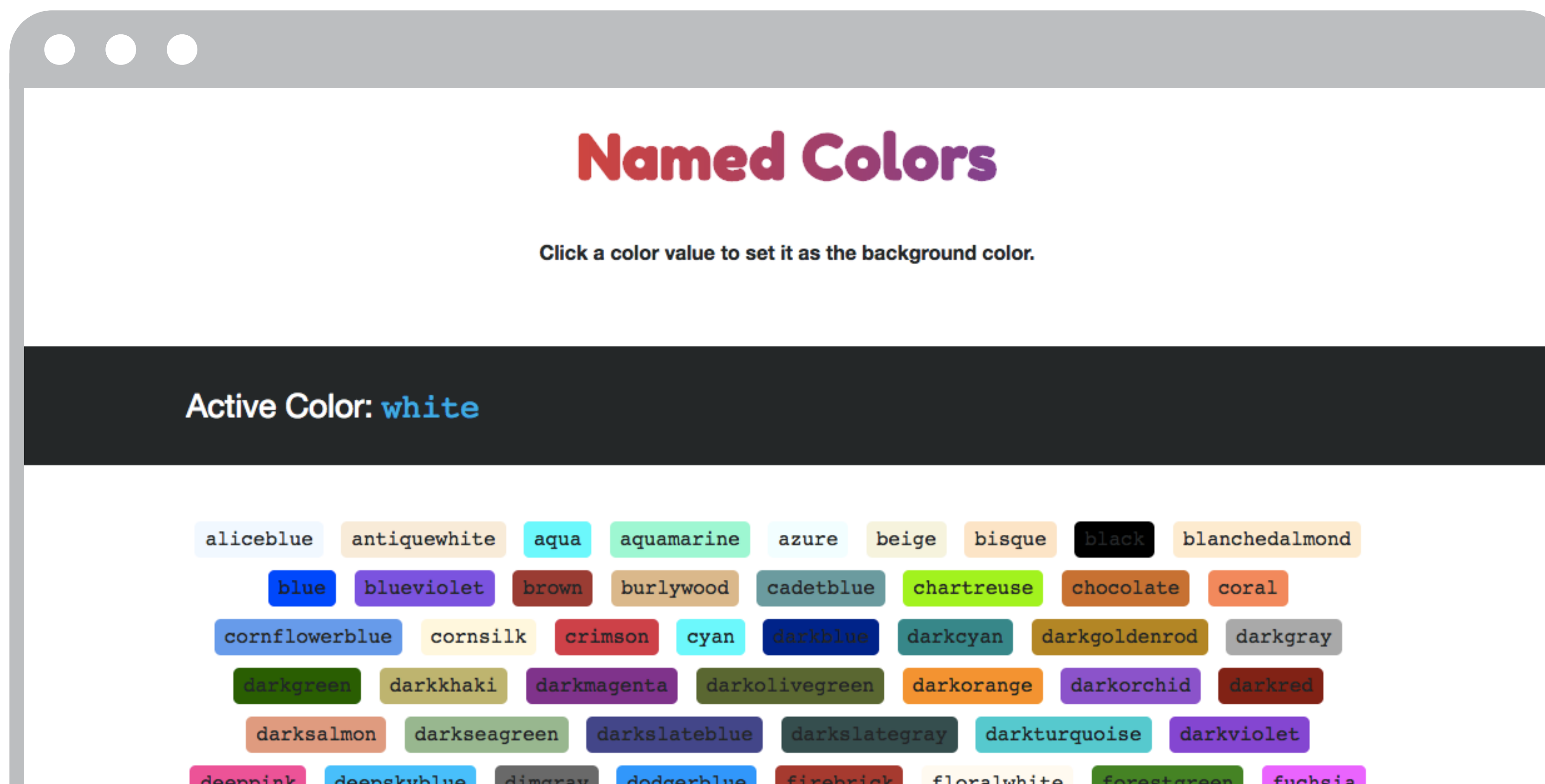
CSS

```
#site-footer {  
  background-color: black;  
  color: white;  
}
```

Style the Footer

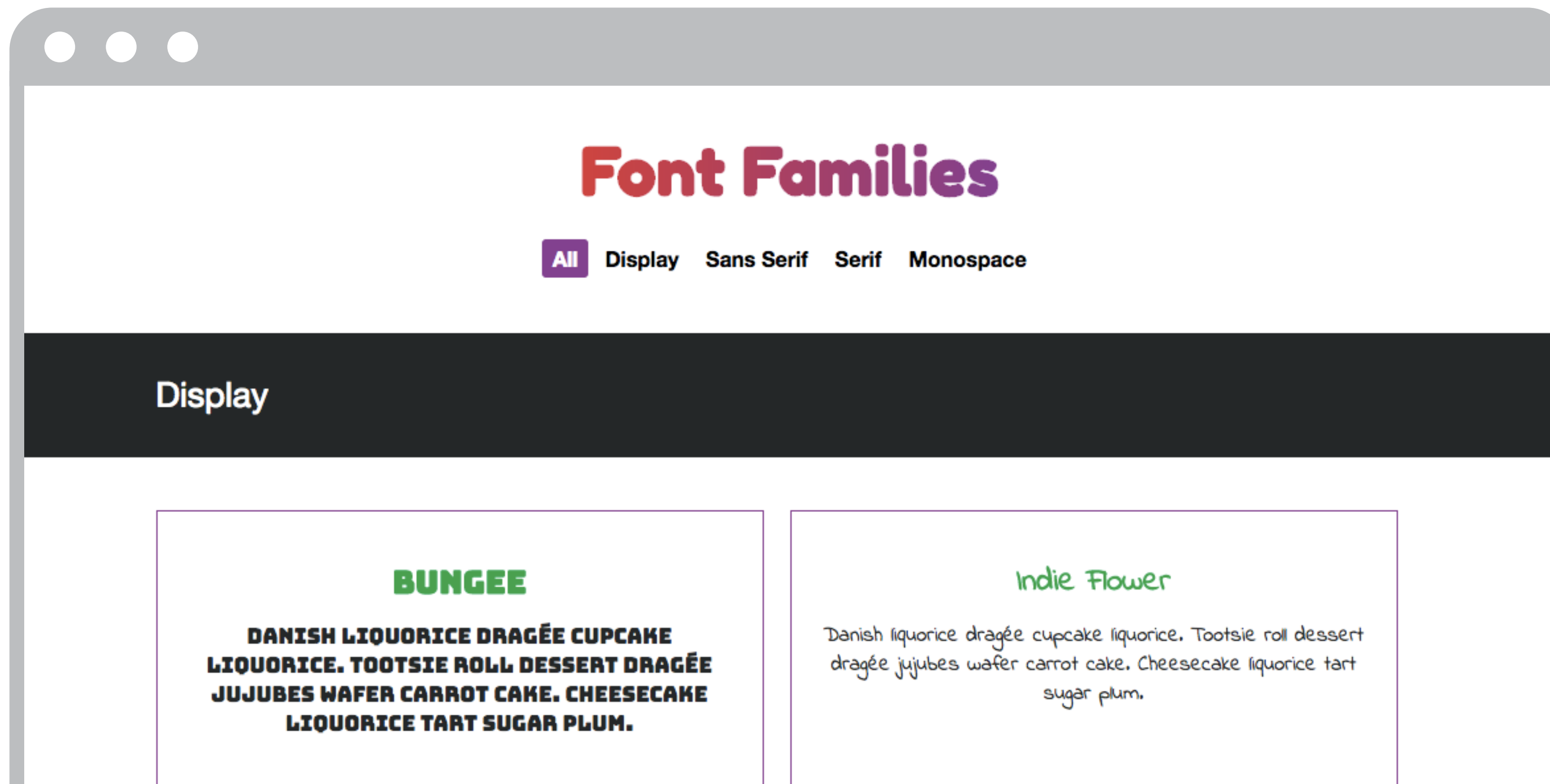
Selecting Named Colors

bit.ly/gcc-colors



Adding Custom Fonts

bit.ly/gcc-fonts



Adding Custom Fonts

What is CSS

Cascading **S**tyle **S**heet

```
36 - img {
37   max-width: 100%;
38   height: auto;
39 }
40 - h1, h2, h3, h4, h5, h6 {
41   margin: 0 0 26px;
42   color: deeppink;
43   font-weight: normal;
44   font-family: 'Bungee', sans-serif;
45   text-transform: uppercase;
46 }
47 - p {
48   margin-bottom: 26px;
49 }
50 - p:last-child {
51   margin-bottom: 0;
52 }
53
54 - a {
55   color: dodgerblue;
```


THANKS!

girls can code

