

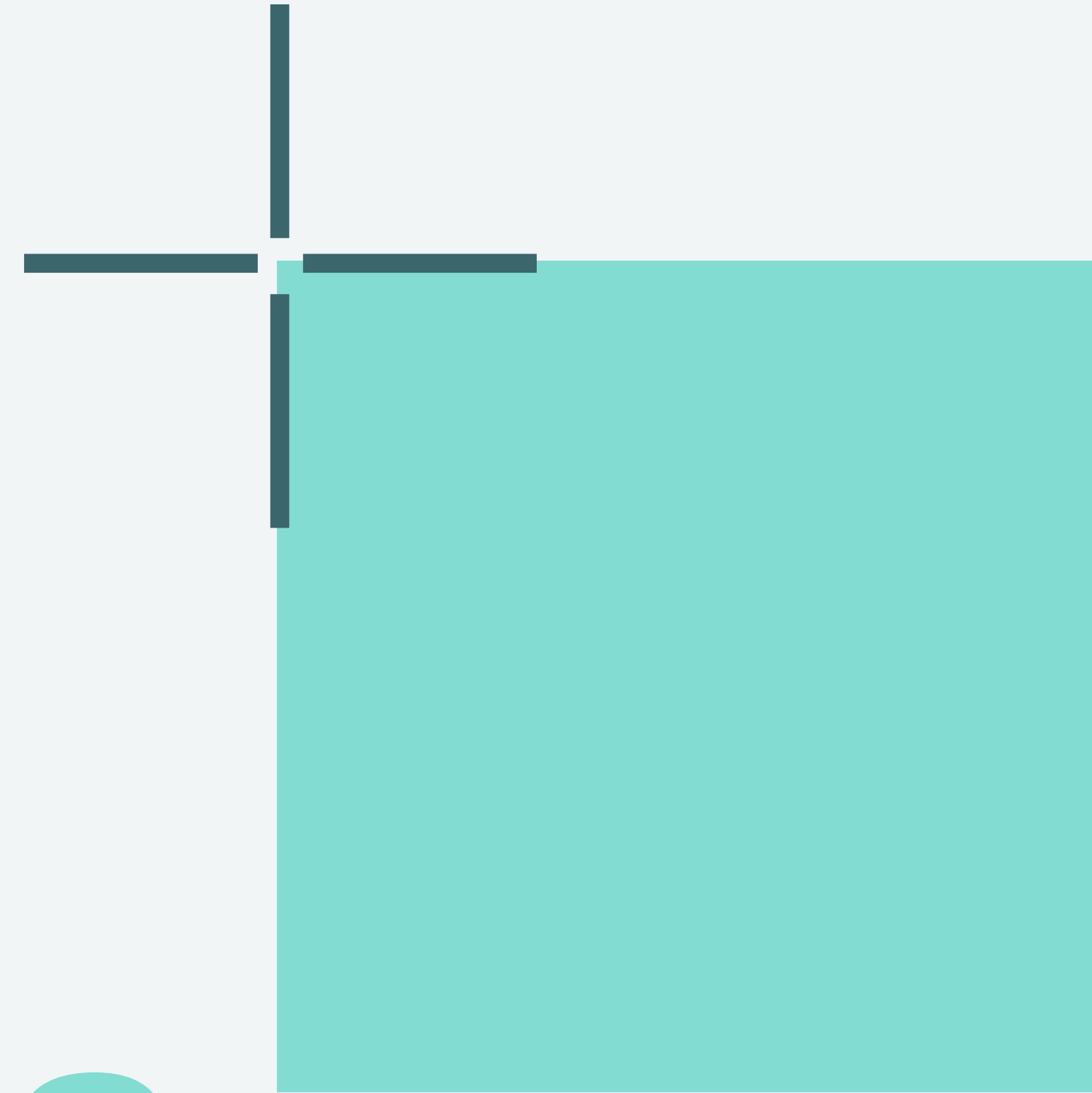
CS3

W3D1

is hard

CSS *hard mode*

*Position,
Specificity,
Layouts*



position

static

or

relative

or

absolute

or

fixed

static



relative



```
div {  
  position: relative;  
  top: 20px;  
  left: 20px;  
}
```

absolute



```
div {  
  position: absolute;  
  top: 20px;  
  left: 20px;  
}
```

fixed



```
div {  
  position: fixed;  
}
```


selectors

```
div.primary, div .primary {  
    /* a series of declarations */  
}
```

specificity

	id	class	element
p	0	0	1
article p	0	0	2
img.bio.rounded	0	2	1
#container	1	0	0
div#container.centered	1	1	1

```
div.warning p {  
  color: cyan;  
}
```

```
body#home .container p {  
  color: magenta;  
}
```

```
p {  
  color: yellow;  
}
```

```
div#caution p {  
  color: black;  
}
```

```
div.warning p {  
  color: cyan;  
}
```

0, 1, 2

```
body#home .container p {  
  color: magenta;  
}
```

```
p {  
  color: yellow;  
}
```

```
div#caution p {  
  color: black;  
}
```

```
div.warning p {  
  color: cyan;  
}
```

0, 1, 2

```
body#home .container p {  
  color: magenta;  
}
```

1, 1, 2

```
p {  
  color: yellow;  
}
```

```
div#caution p {  
  color: black;  
}
```

```
div.warning p {  
  color: cyan;  
}
```

0, 1, 2

```
body#home .container p {  
  color: magenta;  
}
```

1, 1, 2

```
p {  
  color: yellow;  
}
```

0, 0, 1

```
div#caution p {  
  color: black;  
}
```

```
div.warning p {  
  color: cyan;  
}
```

0, 1, 2

```
body#home .container p {  
  color: magenta;  
}
```

1, 1, 2

```
p {  
  color: yellow;  
}
```

0, 0, 1

```
div#caution p {  
  color: black;  
}
```

1, 0, 2

```
div.warning p {  
  color: cyan;  
}
```

0, 1, 2

```
body#home .container p {  
  color: magenta;  
}
```

1, 1, 2

```
p {  
  color: yellow;  
}
```

0, 0, 1

```
div#caution p {  
  color: black;  
}
```

1, 0, 2

style tags are more specific

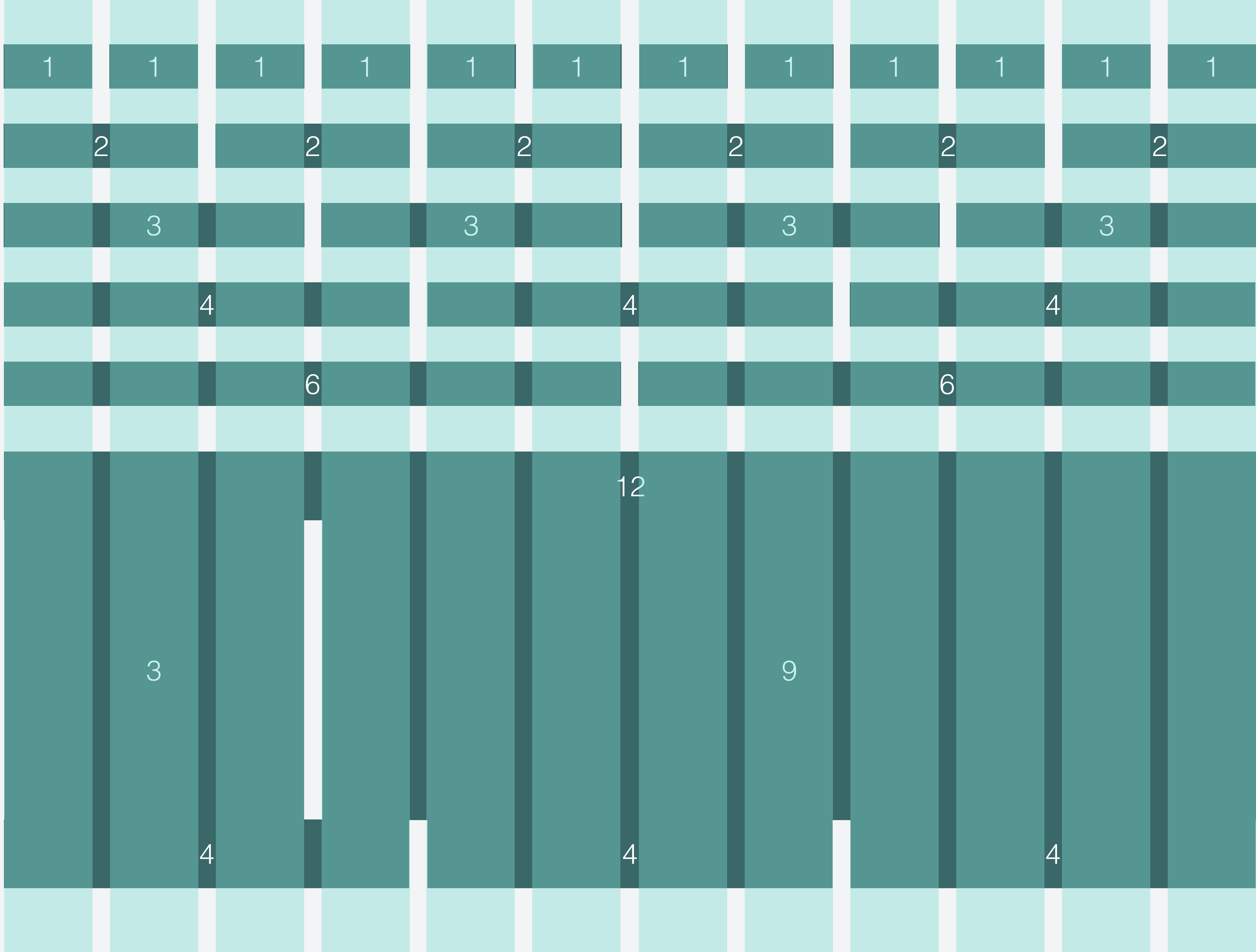
```
<div style="color: anchor"></div>
```

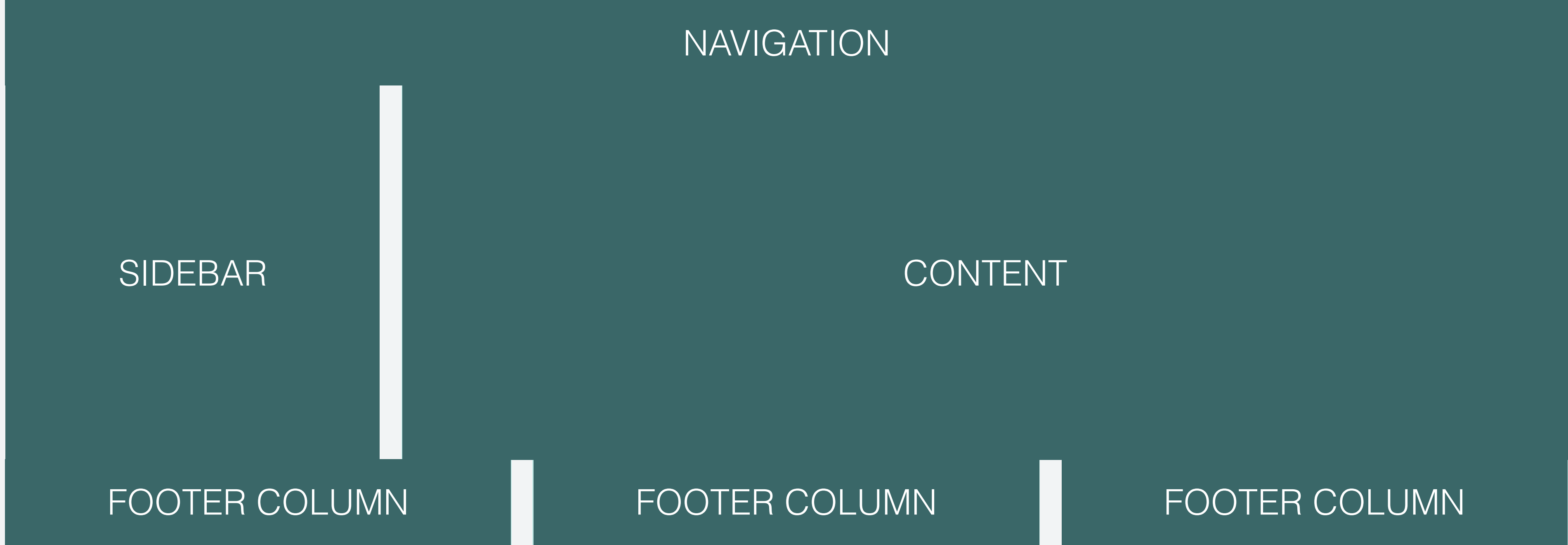
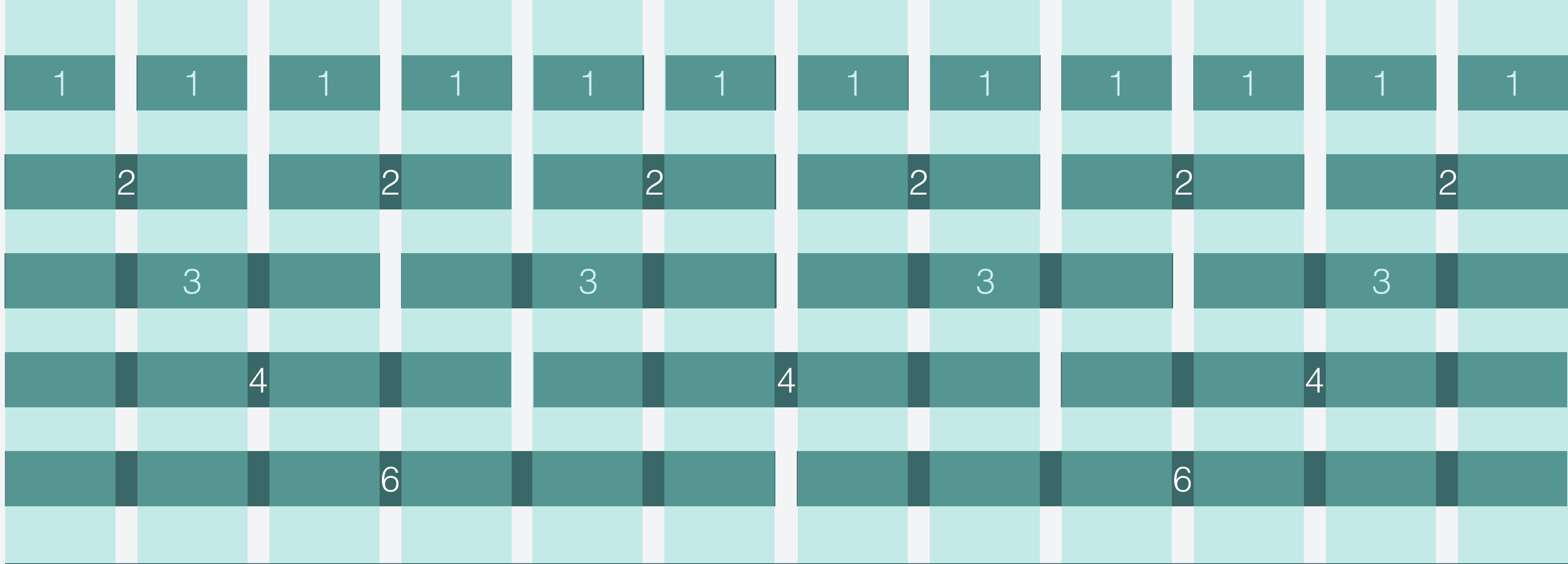
!important

```
div {  
  color: mint !important;  
}
```



**grid layouts
with CSS**





***Flexbox is used for layout
across one dimension.***

LAYOUT FLOWS HORIZONTALLY **OR** VERTICALLY



NEWS

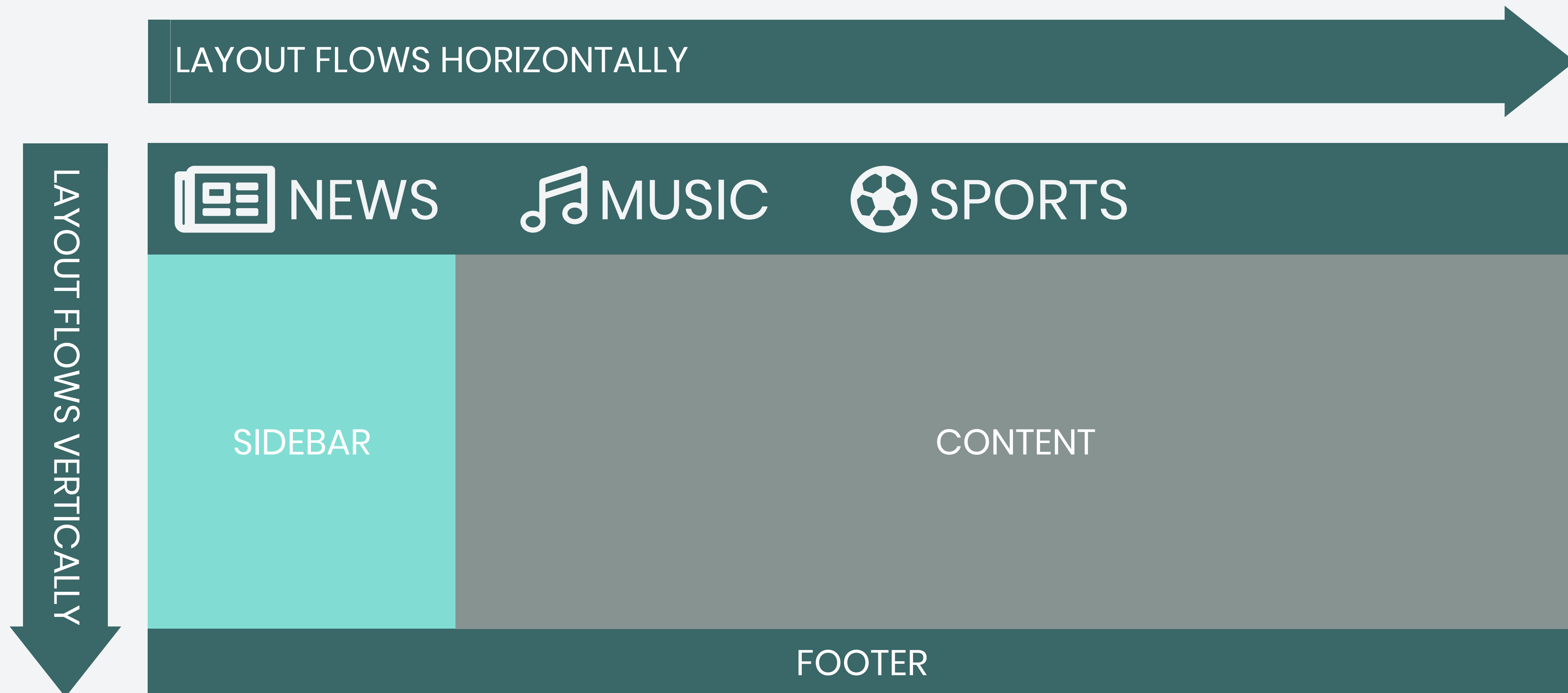


MUSIC



SPORTS

***Grid is used for layout across
two dimensions.***



*Learn **Flexbox***

It is well supported

Grid isn't far behind

CSS
IS
AWESOME

questions?