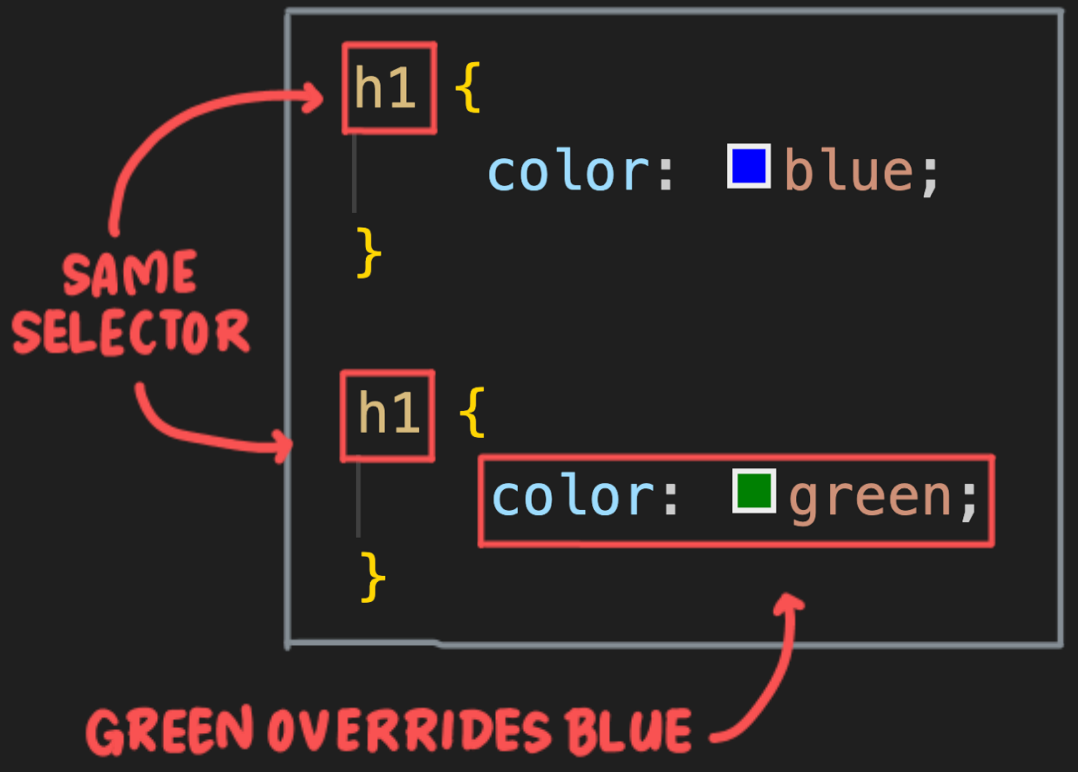
THE CASCADE

STYLES DECLARED LATER WILL TAKE PRIORITY WHEN THE SELECTORS ARE THE SAME

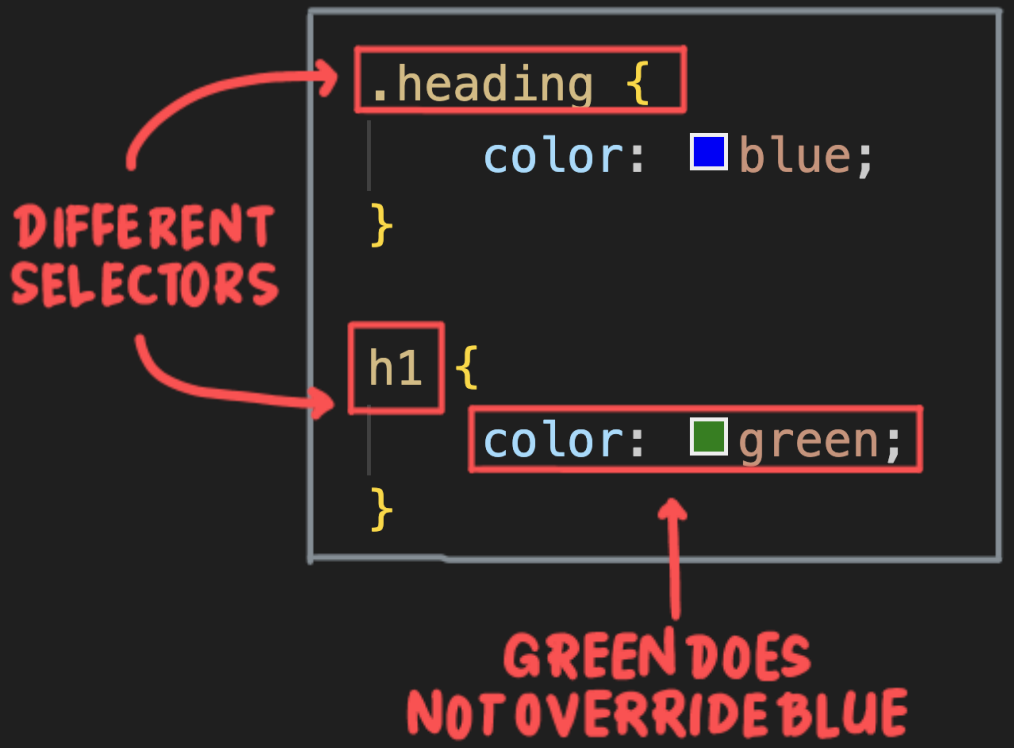
```
<body>
    <h1>Banjo Skateboard</h1>
</body>
```



CONFLICTING SELECTORS

WHEN STYLES ARE APPLIED TO THE SAME ELEMENT USING A DIFFERENT TYPE OF SELECTOR THE OUTCOME IS DETERMINED BY SPECIFICITY

```
<body>
    <h1 class="heading">Banjo Skateboard</h1>
</body>
```



SPORTS TABLE

TEAM RANKINGS ARE DETERMINED USING A SYSTEM OF PRIORITY

LOWER PRIORITY →

Club	Wins	Draws	GD
Arsenal	7	2	3
Man City	5	4	20
Liverpool	5	4	8

1ST PLACE AS MOST WINS →

2ND PLACE AS AHEAD ON GOAL DIFFERENCE →

LARGEST NUMBER BUT LOWEST PRIORITY

WHAT IS SPECIFICITY?

DETERMINES THE PRIORITY OF A CSS RULE WHEN MULTIPLE RULES APPLY TO THE SAME ELEMENT

```html
<div>
    <div class="textbox">
        <h1 id="heading" class="large">Organic Green Juice</h1>
    </div>
</div>
```

DIFFERENT WAYS OF SELECTING THE SAME ELEMENT

```css
#heading {
    color: red;
}

.textbox .large {
    color: yellow;
}

div div .large {
    color: green;
}

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

SPECIFICITY CALCULATION

```
<div>
    <div class="textbox">
        <h1 id="heading" class="large">Organic Green Juice</h1>
    </div>
</div>
```

HIGHEST SPECIFICITY

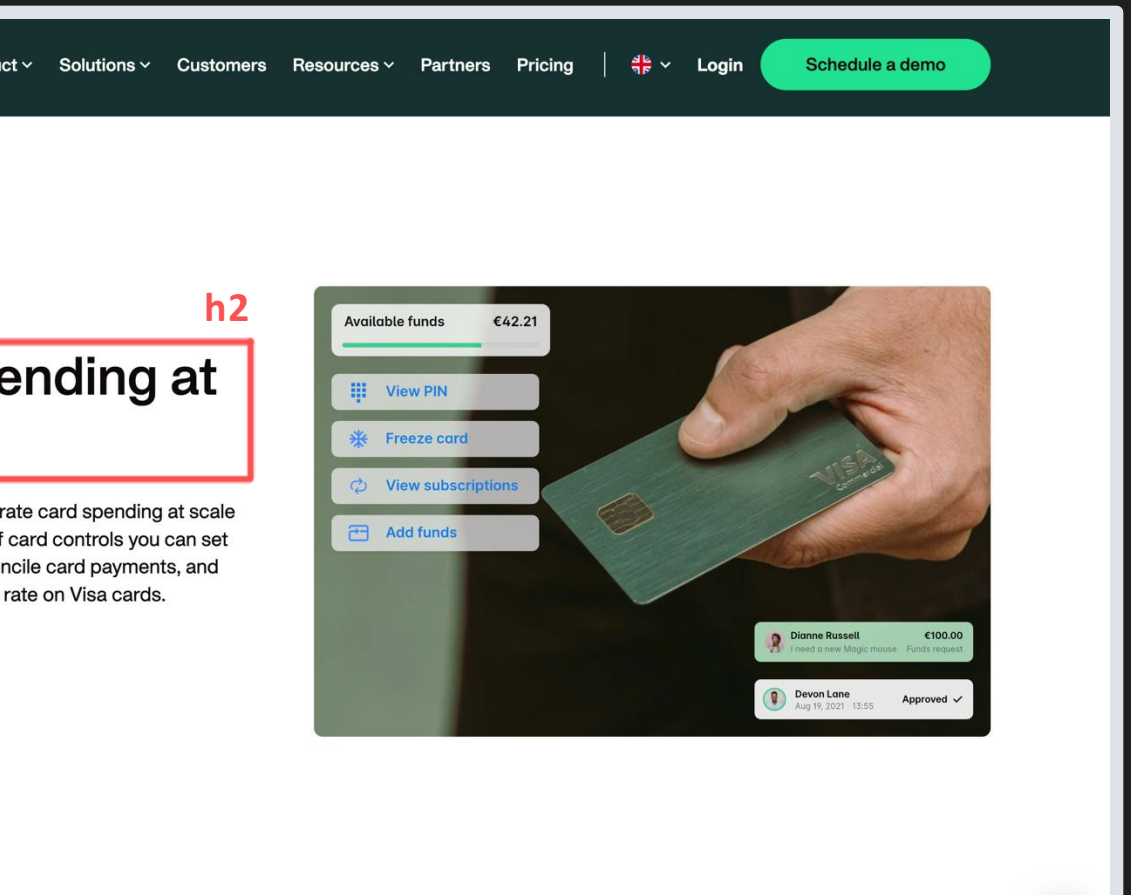
LOWER PRIORITY

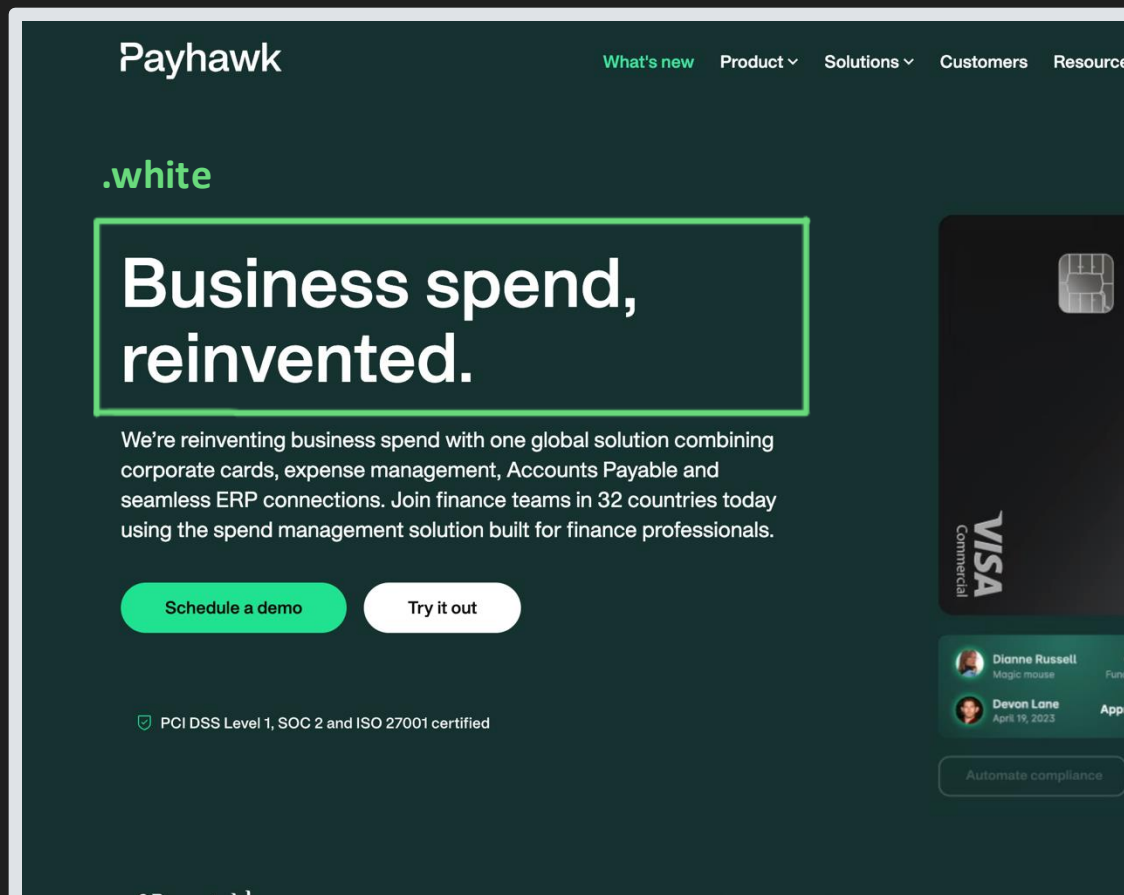
Selector	ID	Class & Pseudo-class	Type
#heading	1	0	0
.textbox .large	0	2	0
div div .large	0	1	2
div div h1	0	0	3

SPECIFICITY GUIDANCE

DON'T WORRY!

IT IS COMMON TO USE THE TYPE SELECTOR FOR GLOBAL STYLES AND THE CLASS SELECTOR TO OVERRIDE THIS FOR SPECIFIC STYLING





SUMMARY CARD

SPECIFICITY

DETERMINES PRIORITY OF A CSS RULES WHEN MULTIPLE CONFLICTING RULES ARE APPLIED TO THE SAME ELEMENT

```html
<div>
    <div class="textbox">
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    </div>
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HIGHEST SPECIFICITY

LOWER PRIORITY

Selector	ID	Class Pseudo-class	Type
#heading	1	0	0
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div div .large	0	1	2
div div h1	0	0	3

USE TYPE SELECTOR FOR GLOBAL STYLES & CLASS SELECTOR TO OVERRIDE FOR SPECIFIC STYLING