In this lecture, we will discuss…

Conflict Resolution

Some Concepts

origin

merge

inheritance

specificity

Origin Precedence (<u>when in conflict</u>)

simple rule

Last Declaration Wins

✧ **Remember, HTML is processed sequentially, top to bottom.**

✧ **For precedence, think of external CSS as declared at the spot where it's linked to.**

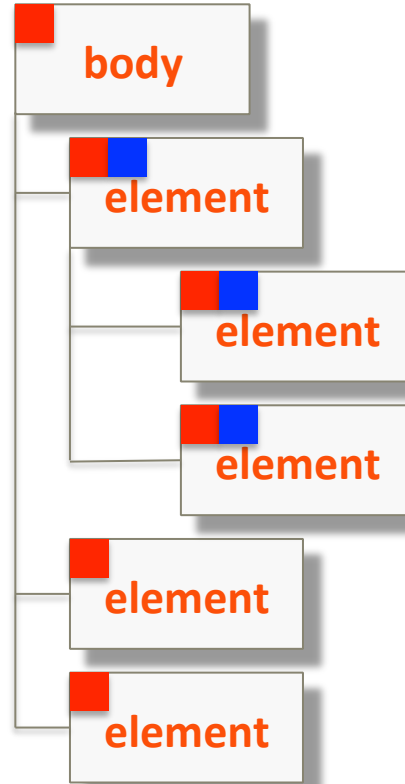# Origin Precedence (when no conflict)

even simpler rule

Declarations Merge

Inheritance

Specificity

simple rule

Most Specific
Selector Combination Wins

Specificity (score)

style="…"	ID	Class, pseudo-class, attribute	# of Elements
1	**0**	**0**	**0**

```
<h2 style="color: green;">
```

Specificity (score)

style="..."	ID	Class, pseudo-class, attribute	# of Elements
0	0	0	2

```
div p { color: green; }
```

Specificity (score)

```
dXv #myParag {
    color: blue;
}
```

?

```
div.big p {
    color: green;
}
```

| 0 | 1 | 0 | X |

0

✔

| 0 | 0 | 1 | 2 |

✘

Summary

✧ Cascade: origin, merge; Inheritance, & Specificity

✧ Provide precise control over targeting content while allowing maximum re-use of styles across your website

NEXT:

Styling Text