

CSS – Cascading & Inheritance

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```
body > div
{
  background-color:red;
}

div
{
  background-color:black;
}

*
{
  background-color:green;
}
```

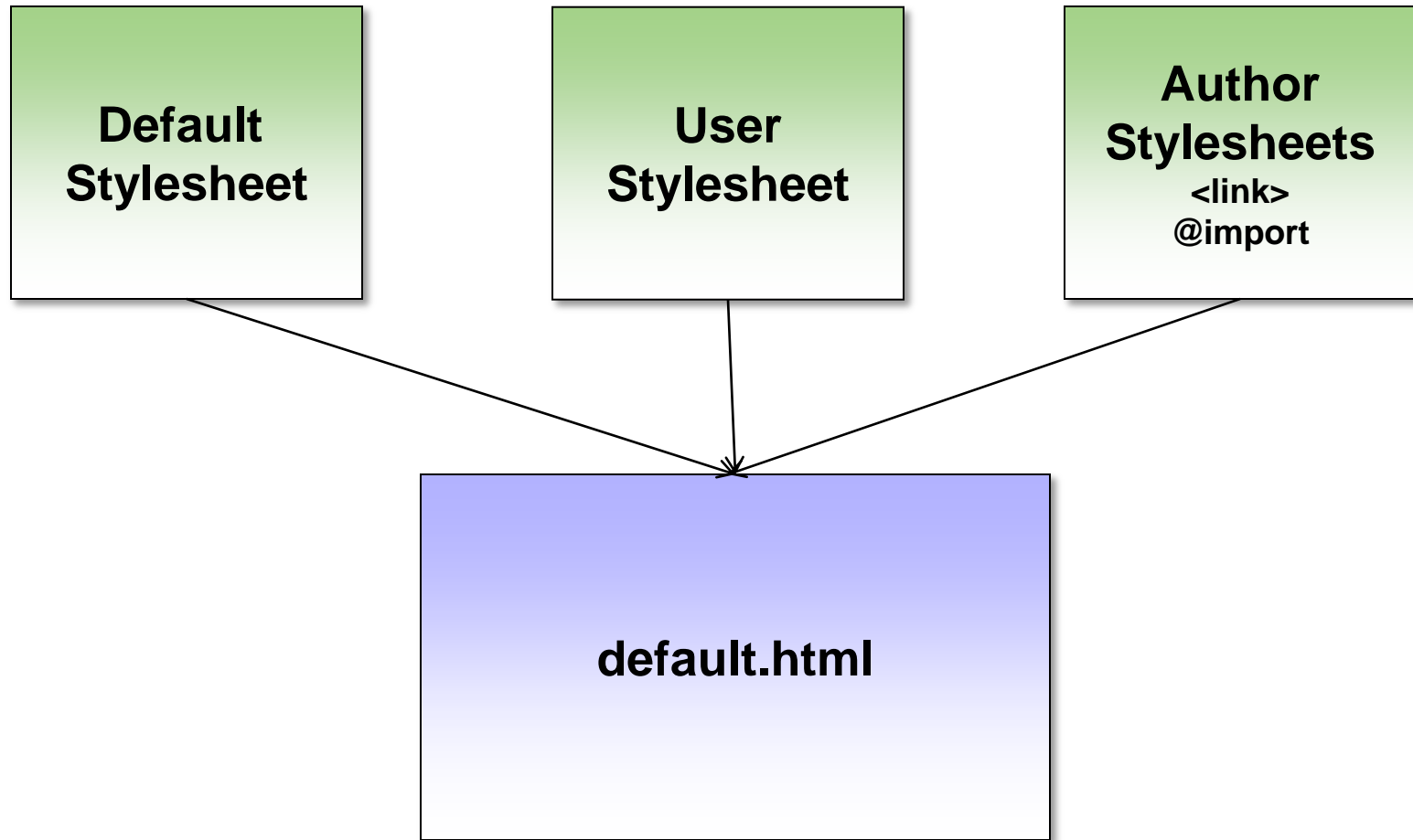
Why am I red?

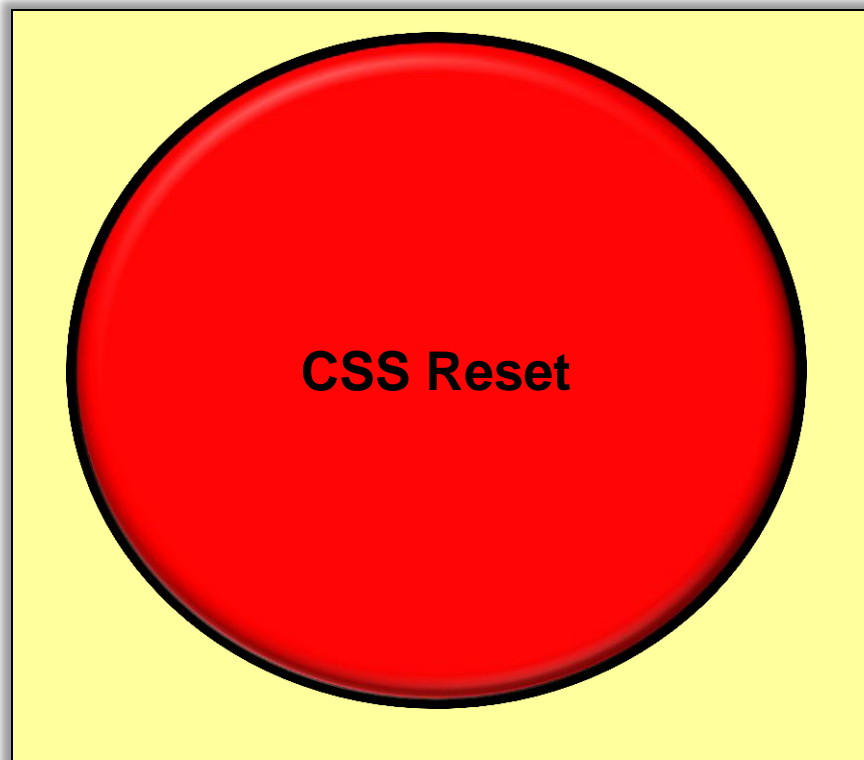




The Cascade

Styles From Different Sources





```
body > div
{
  background-color:red;
}

div
{
  background-color:black;
}

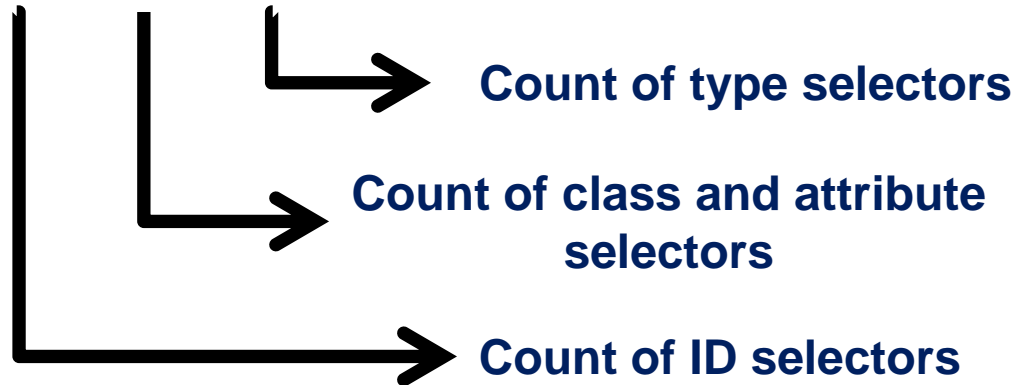
*
{
  background-color:green;
}
```

Why am I red?



Specificity

A B C



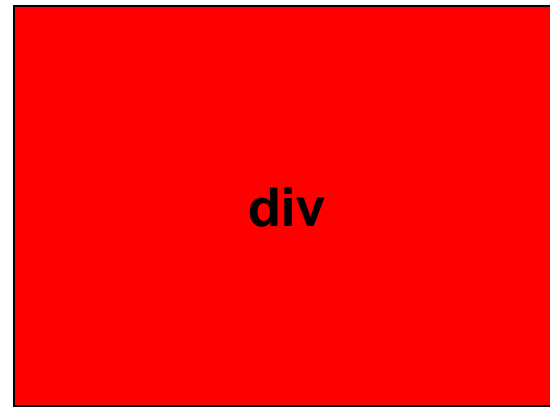
*	<code>/* a=0 b=0 c=0 -> specificity = 0 */</code>
LI	<code>/* a=0 b=0 c=1 -> specificity = 1 */</code>
UL LI	<code>/* a=0 b=0 c=2 -> specificity = 2 */</code>
LI.red	<code>/* a=0 b=1 c=1 -> specificity = 11 */</code>
#content	<code>/* a=1 b=0 c=0 -> specificity = 100 */</code>

```
body > div
{
  background-color:red;
}

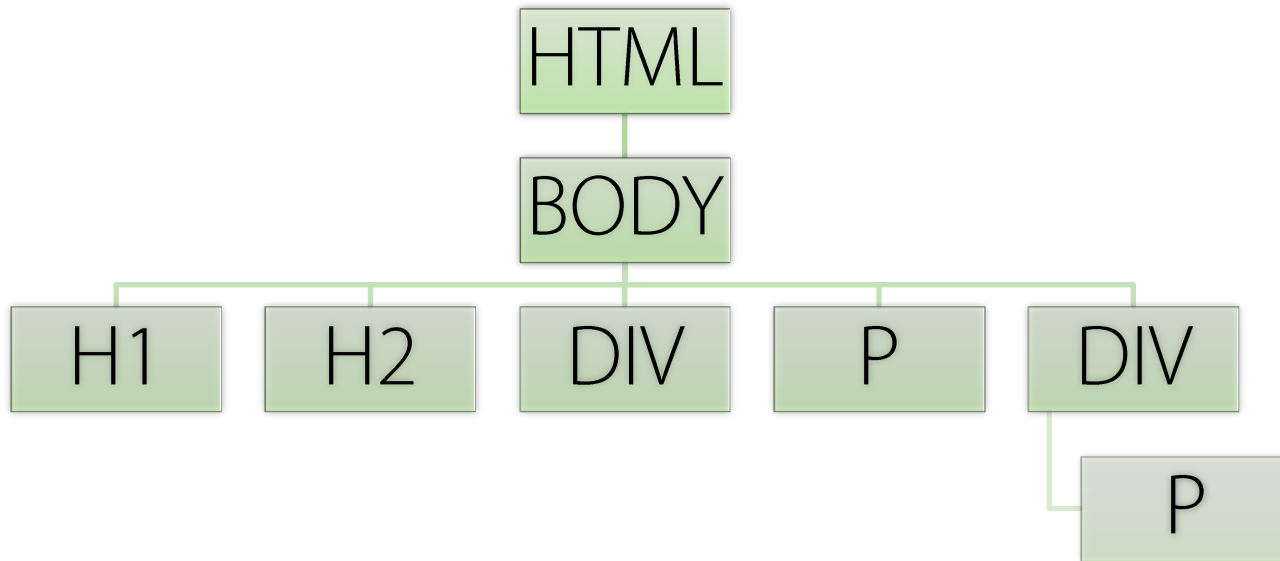
div
{
  background-color:black;
}

*
{
  background-color:green;
}
```

Why am I red?



Inheritance



Summary

- **The Cascade**
 - Styles come from different sources
- **Specificity**
 - More specific rules can override less specific rules
- **Inheritance**
 - Some property values flow down the document tree