

CSS

CSS FUNDAMENTALS

Specificity



IN A ROCKET

Learn front-end development at *rocket speed*

CASCADE

+

SPECIFICITY

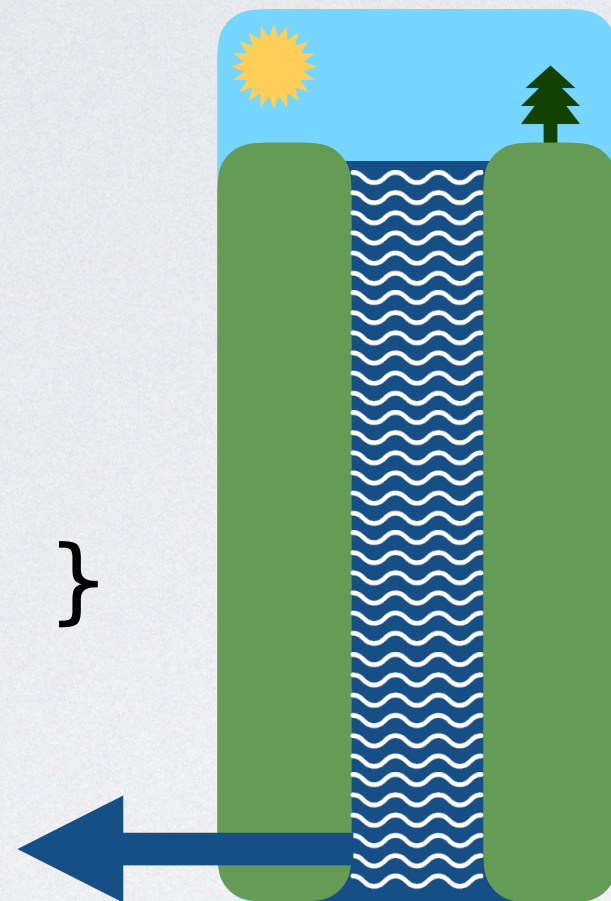
HTML

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

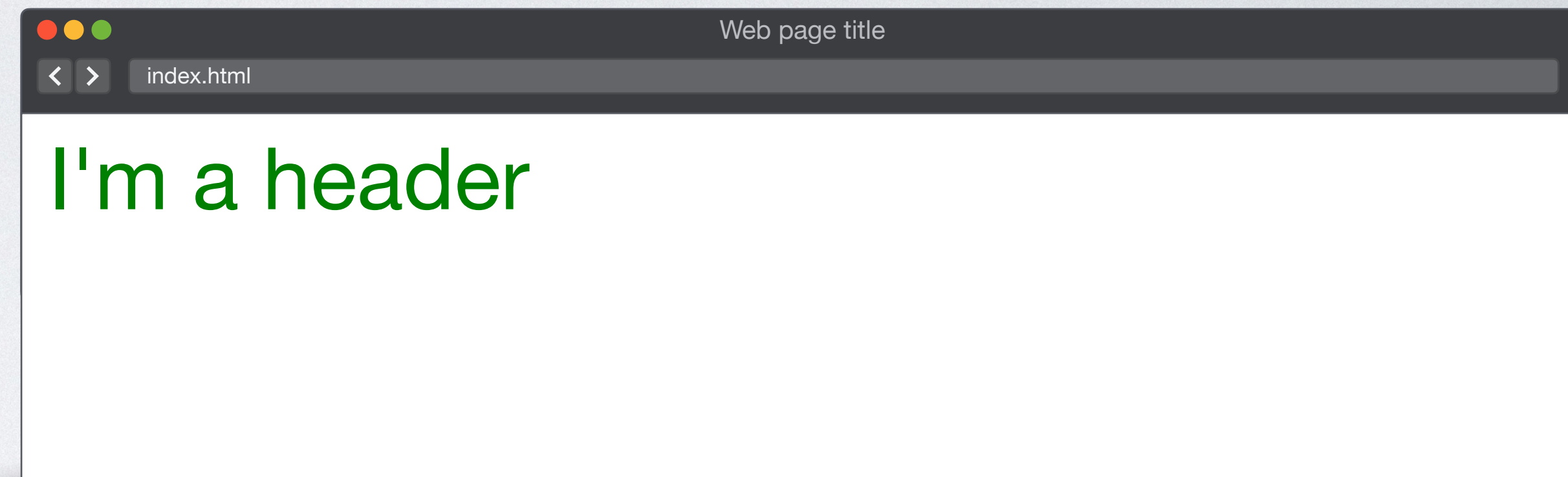
```
p { color: red; }
```

```
input { color: pink; }
```

```
h1 { color: green; }
```



CSS

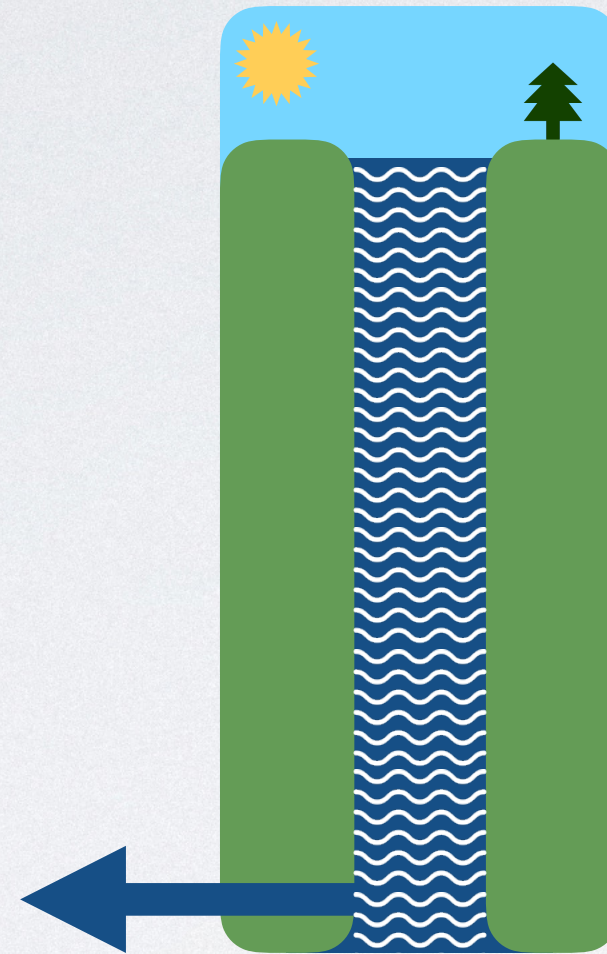


HTML

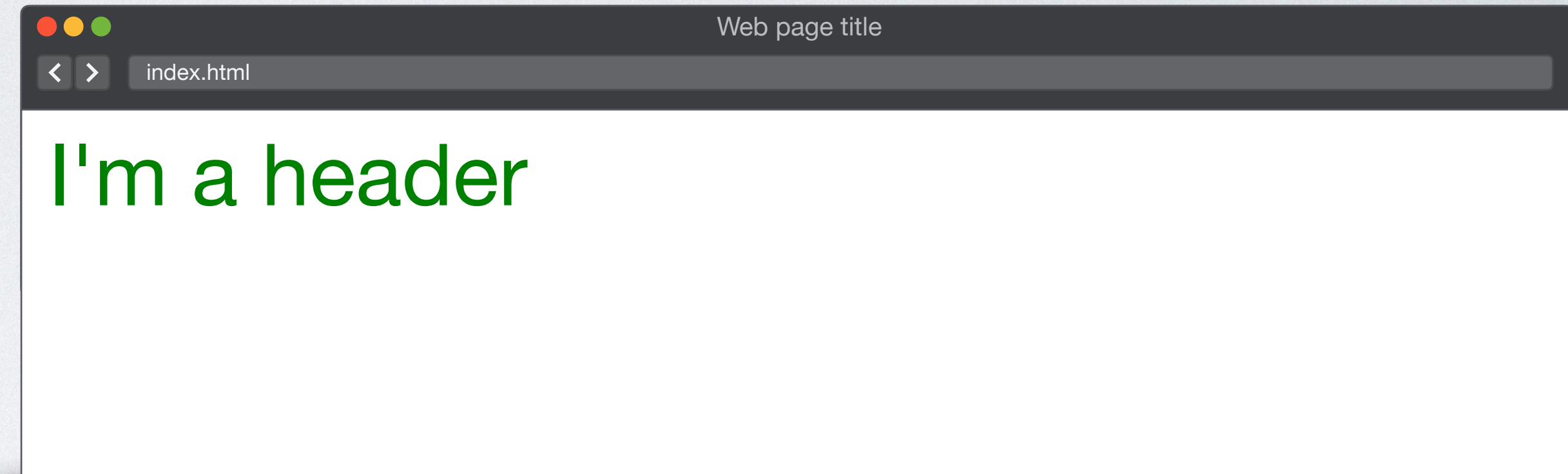
```
<html>
<head>
<link rel="stylesheet" href="styles.css">
<style>
h1 { color: blue; }
</style>
</head>

<body>
<h1 style="color: green">I'm a header</h1>
</body>
</html>
```

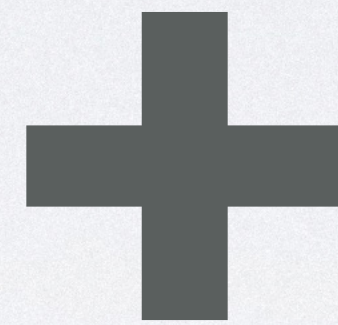
h1 { color: red; }



CSS



CASCADE



SPECIFICITY

HTML

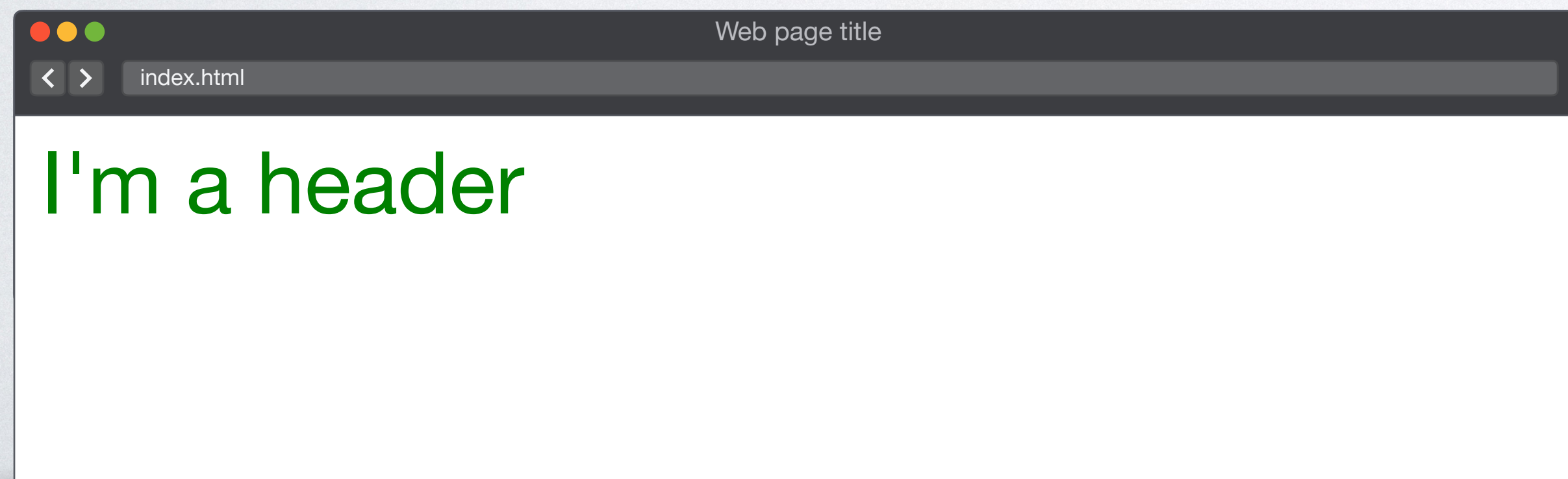
```
<body>
<header>
  <h1>I'm a header</h1>
</header>
</body>
```

CSS

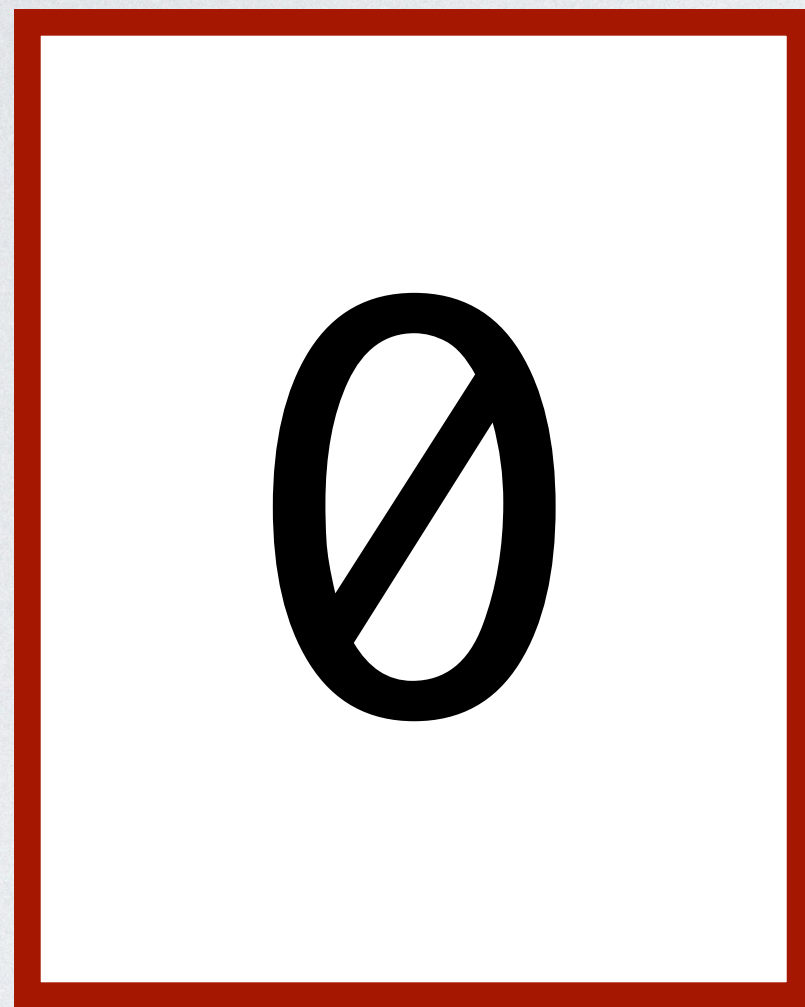
```
header h1 { color: green; }
h1 { color: blue; }
```

The h1 selector position is better for cascade, but header h1 prevails because is more specific.

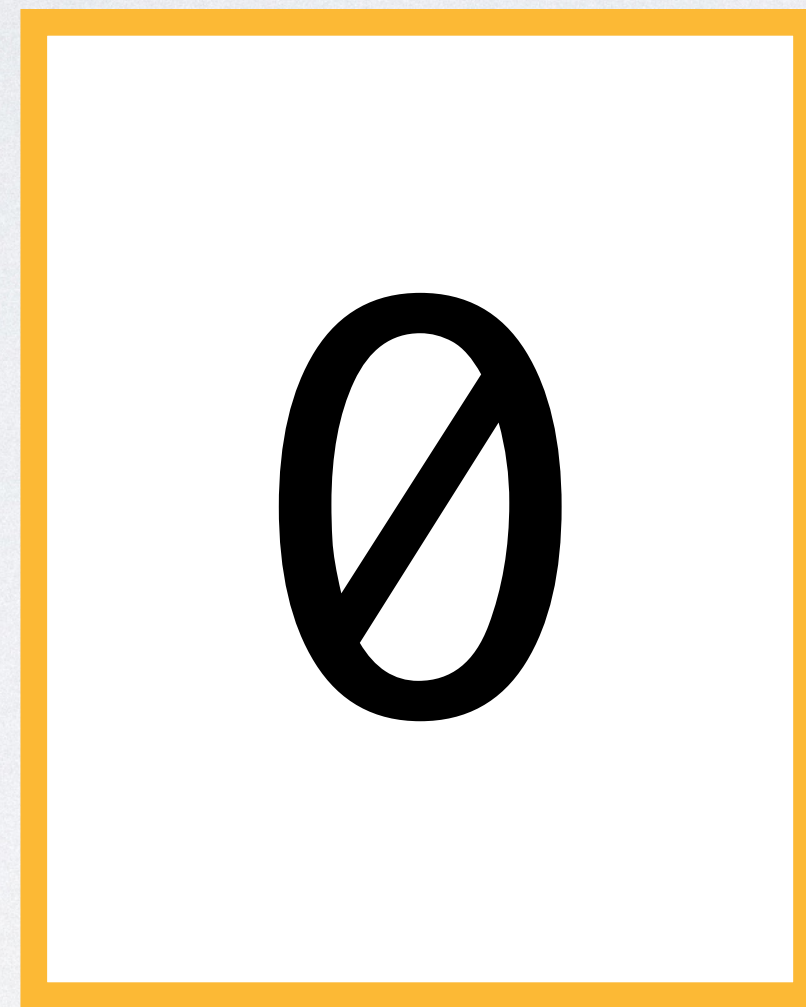
Browser



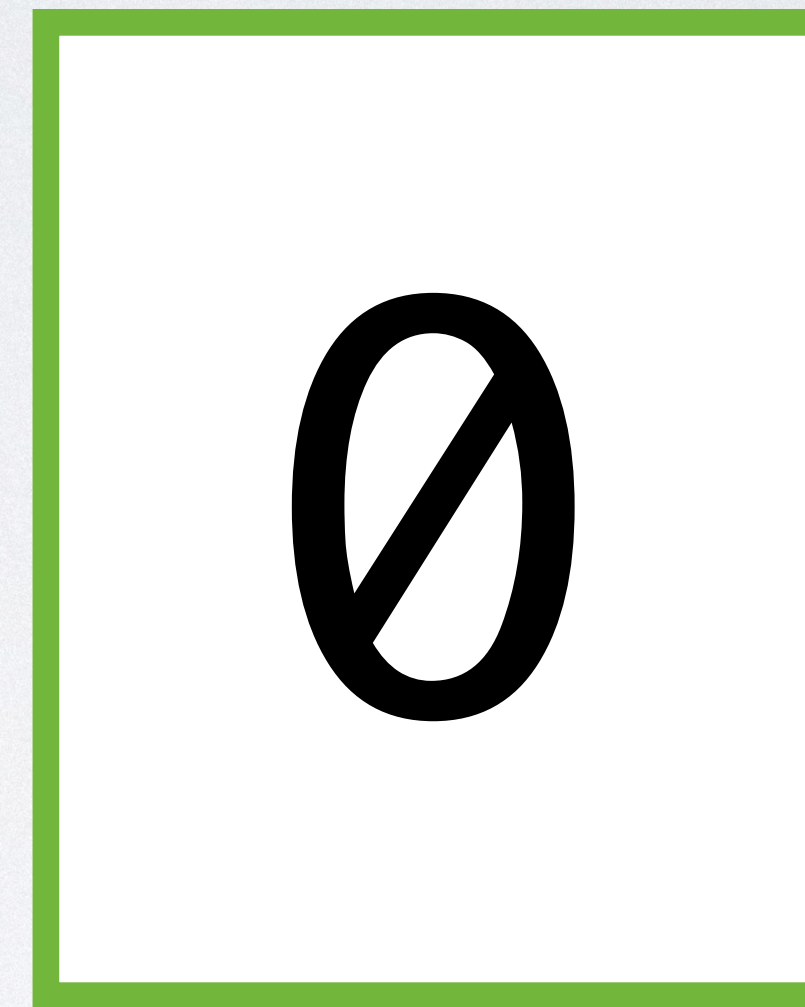
selector



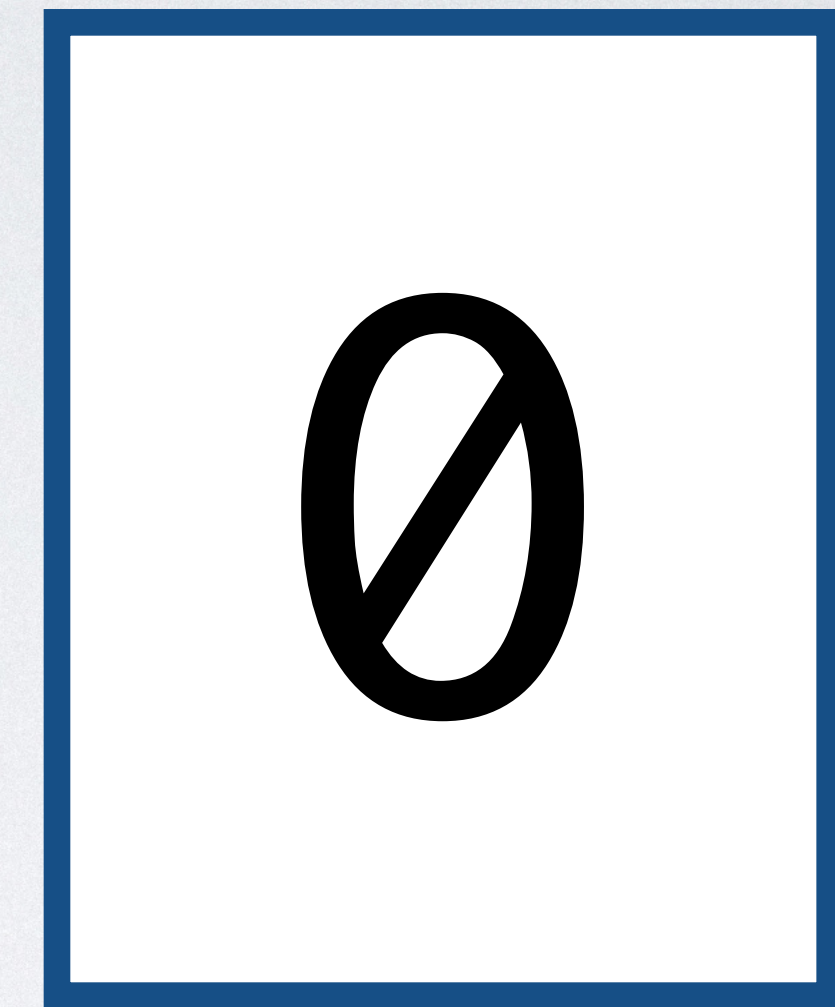
Inline
(style attribute)



ID



Class
Pseudo-class
Attribute



Element

ul li a



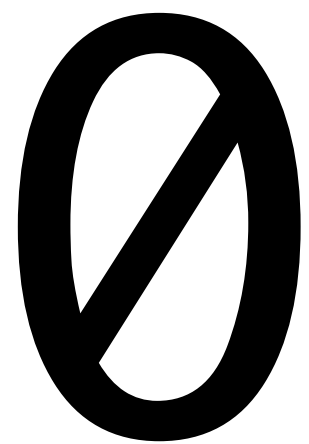
My links list



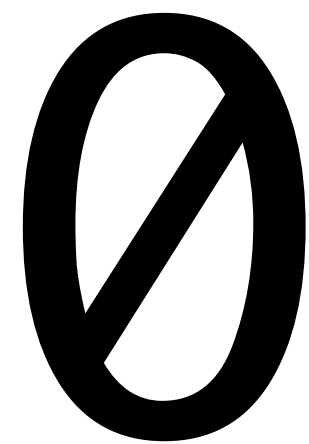
index.html

- Soy el primer enlace de una lista.
- Soy el segundo enlace de una lista.
- Soy el tercer enlace de una lista.

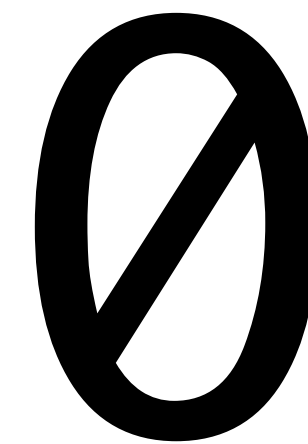
ul li a



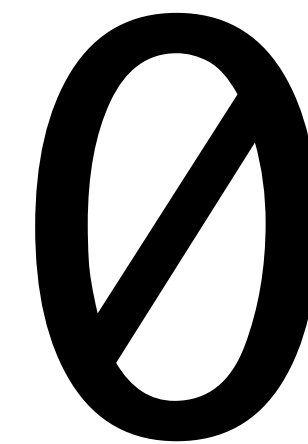
Inline
(style attribute)



ID



Class
Pseudo-class
Attribute



Element

ul li a

0

Inline
(style attribute)

0

ID

0

Class
Pseudo-class
Attribute

3

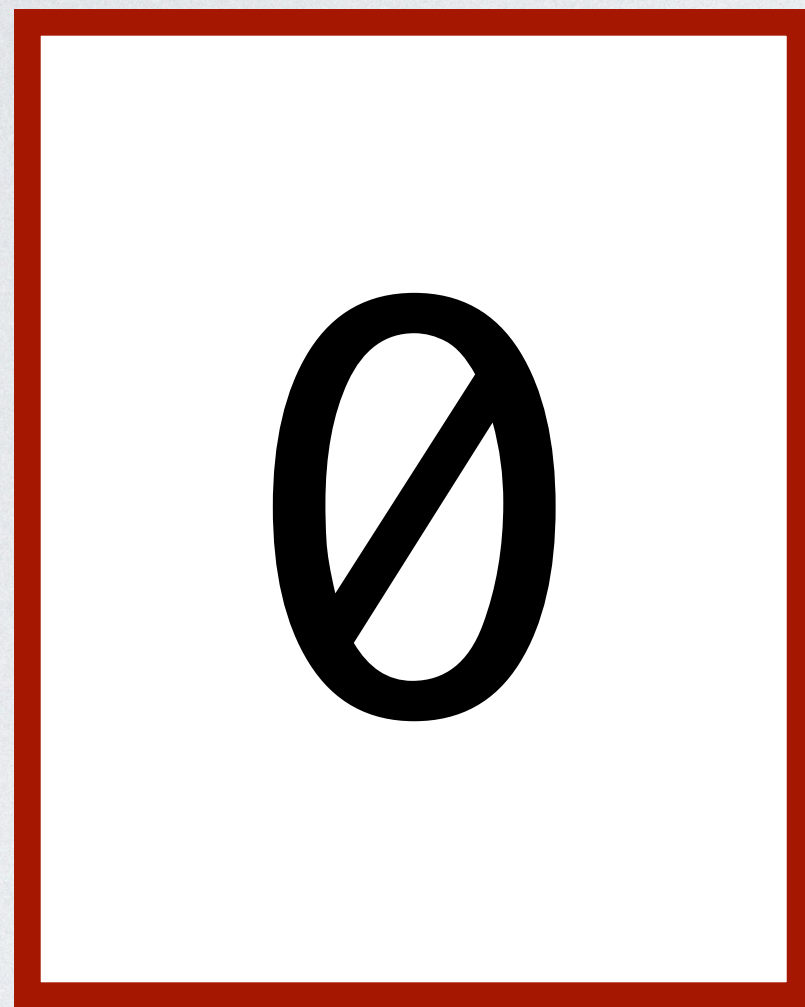
Element


```
.lk-list
```

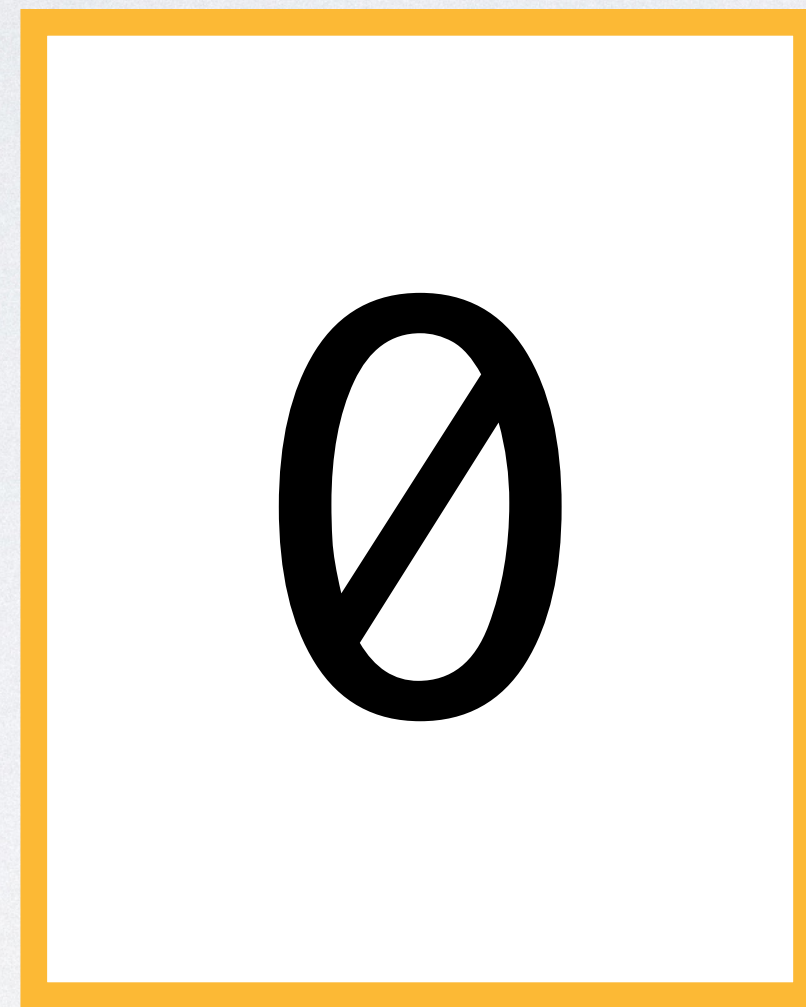
```
ul li a
```



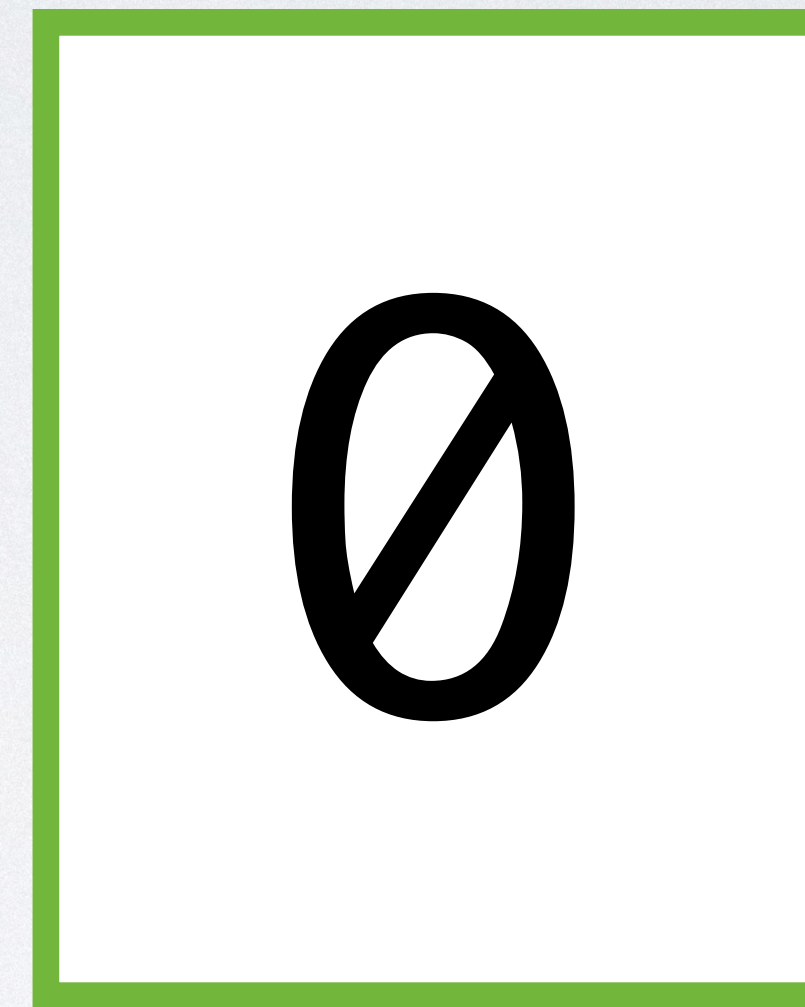
`.lk-list`



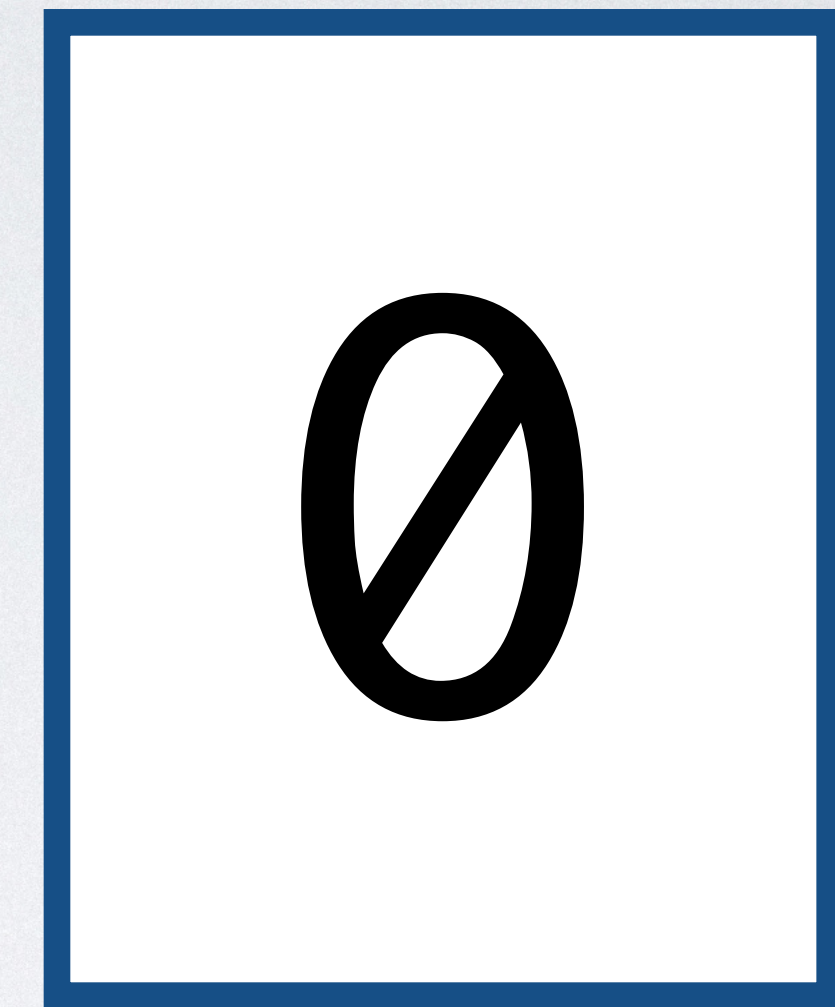
Inline
(style attribute)



ID



Class
Pseudo-class
Attribute



Element

`.lk-list`

0

Inline
(style attribute)

0

ID

1

Class
Pseudo-class
Attribute

0

Element

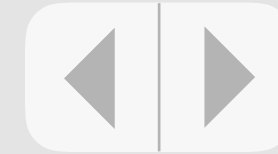
#lk-list

.lk-list

ul li a



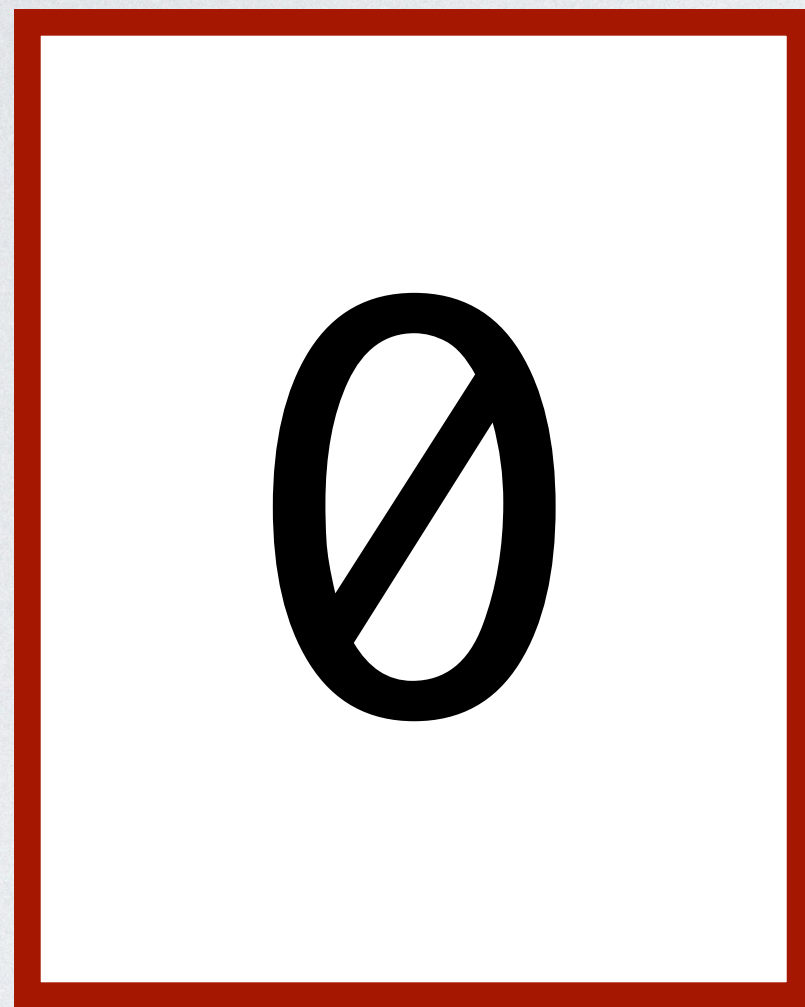
My links list



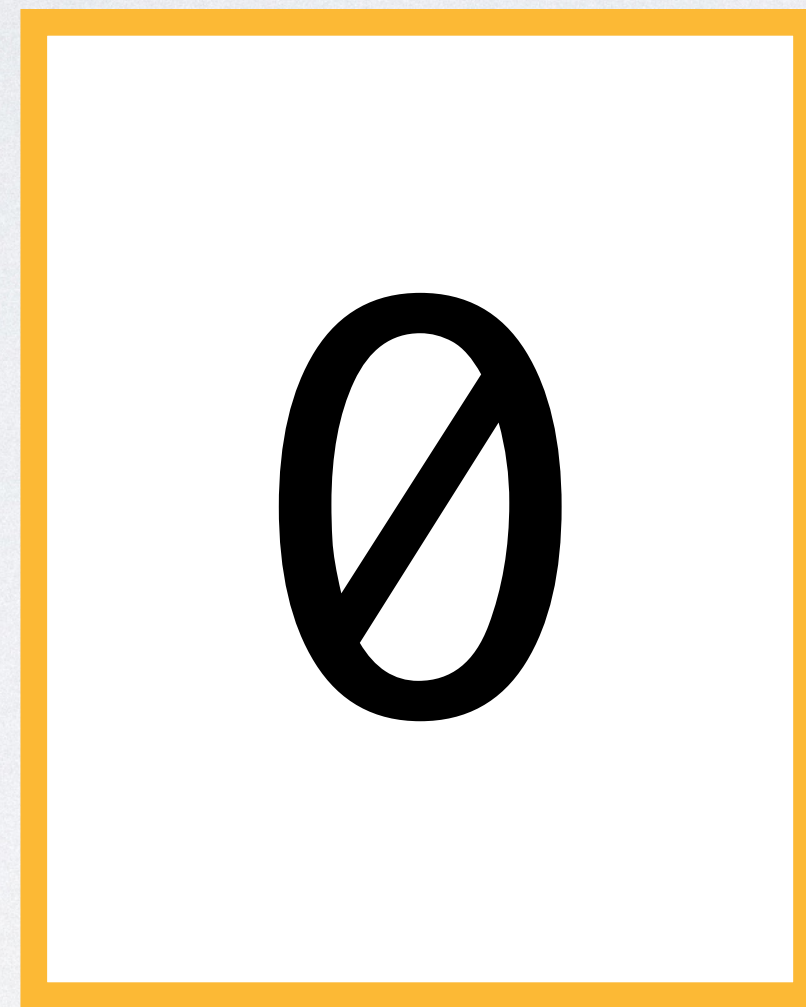
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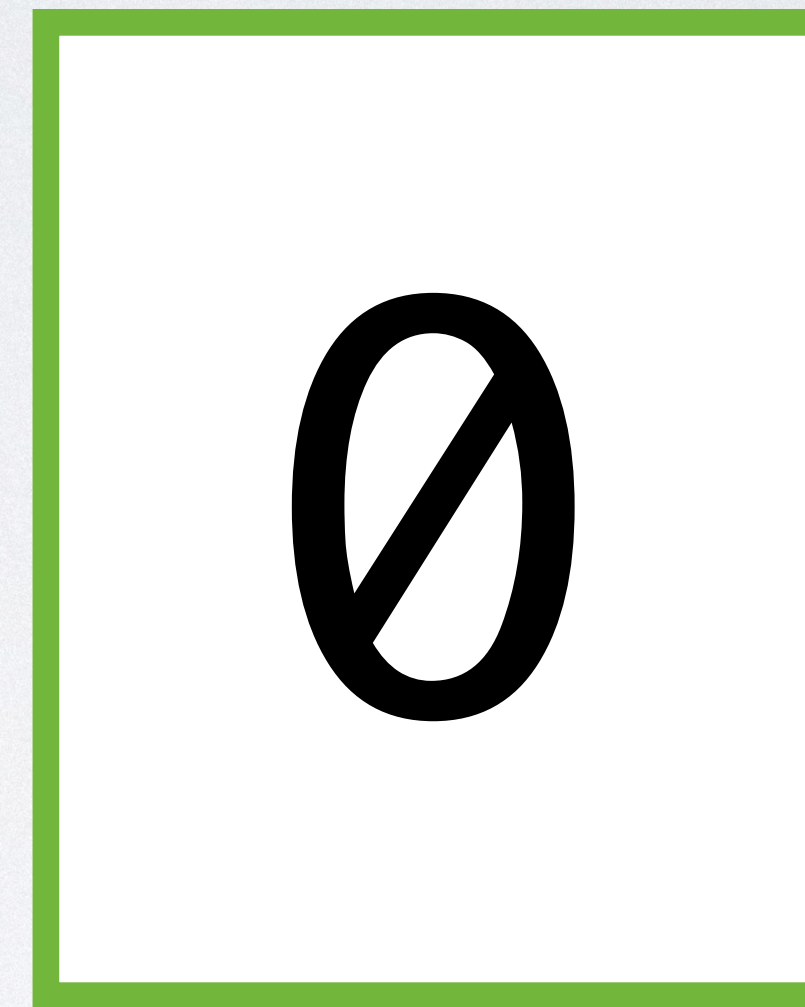
#lk-list



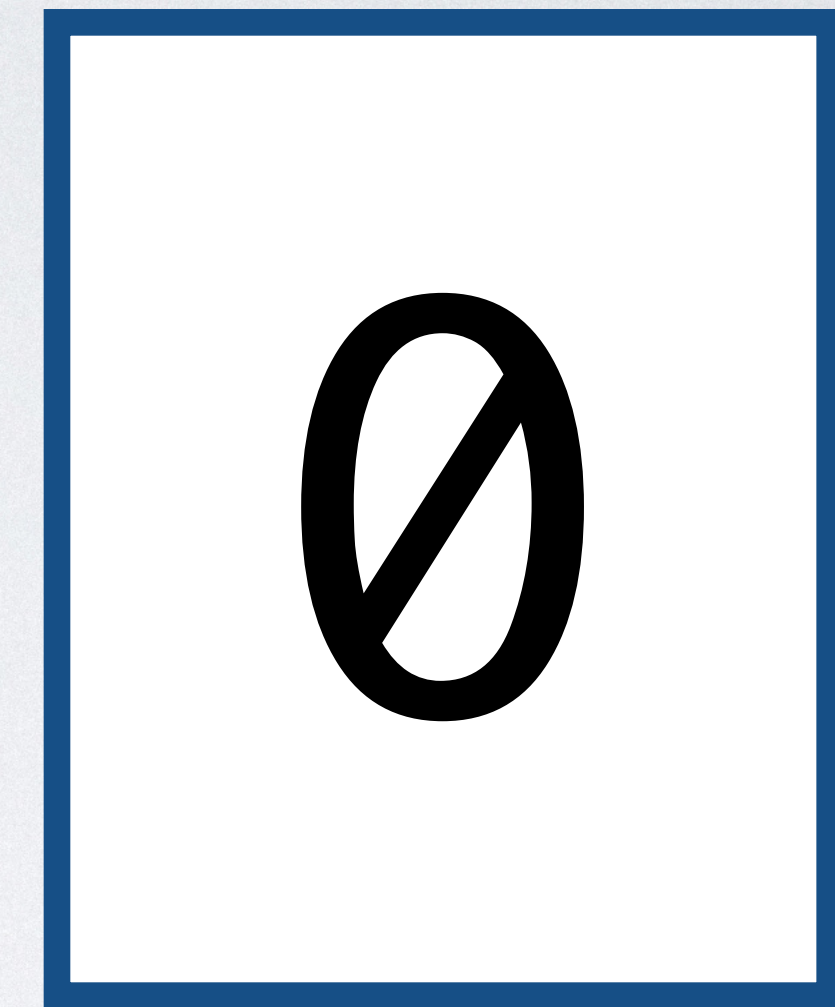
Inline
(style attribute)



ID



Class
Pseudo-class
Attribute



Element

#lk-list

0

Inline
(style attribute)

1

ID

0

Class
Pseudo-class
Attribute

0

Element

CAUTION

```
<a style="" ...
```

```
#lk-list { }
```

```
.lk-list
```

```
ul li a
```



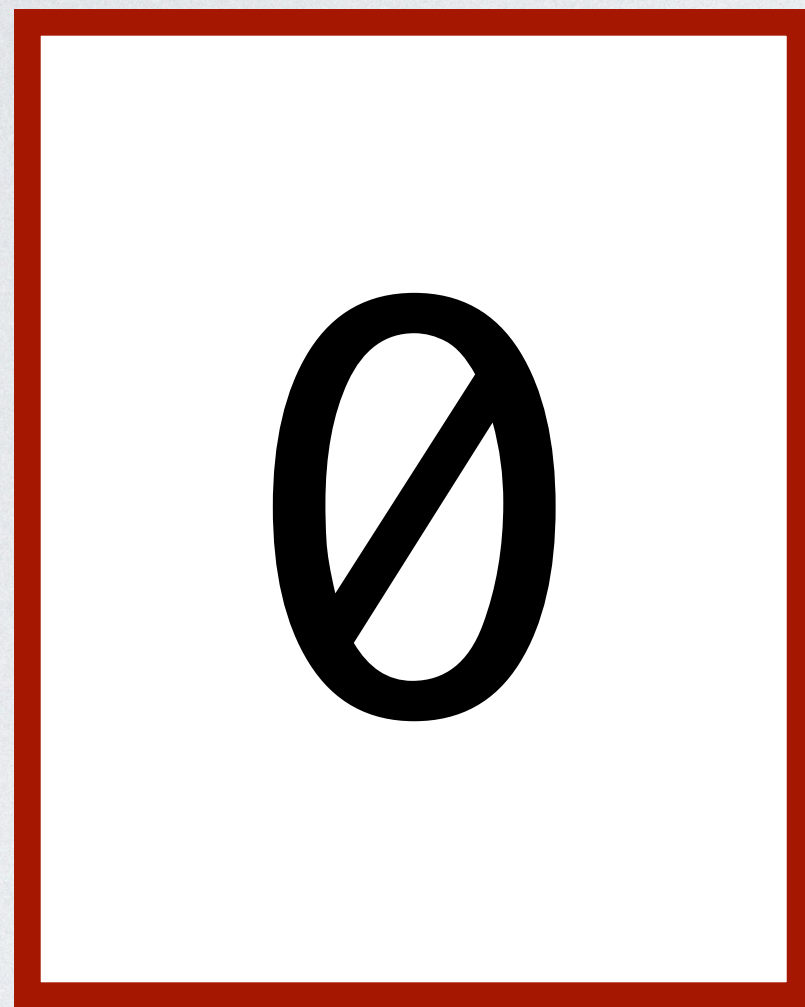
My links list



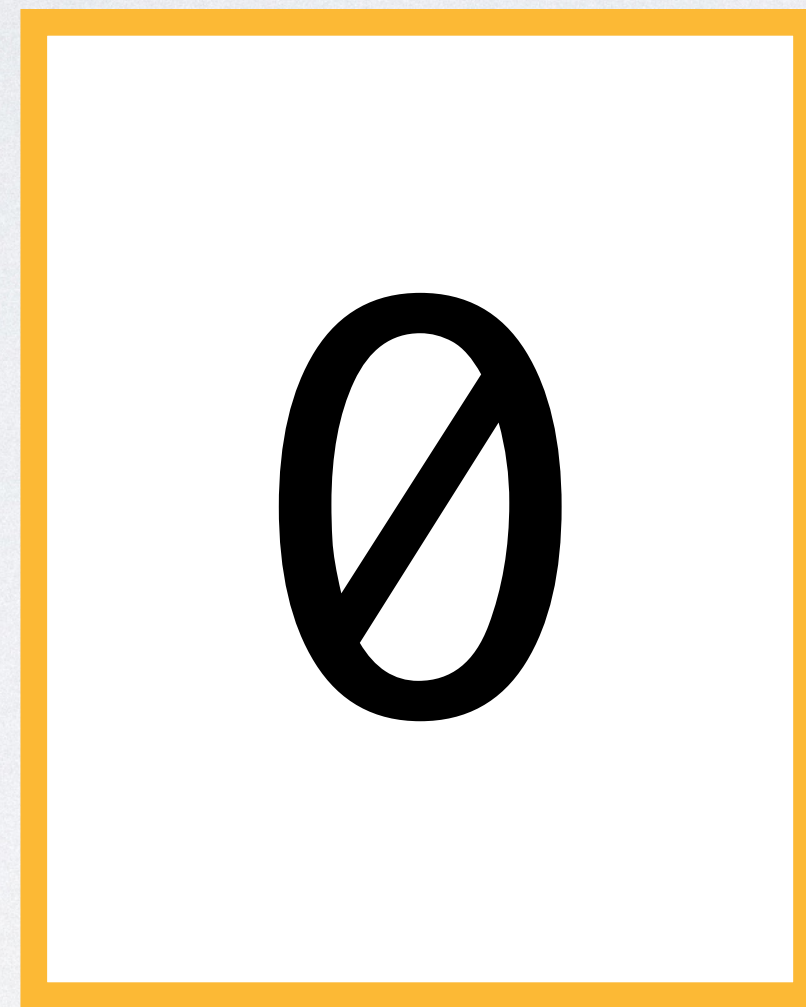
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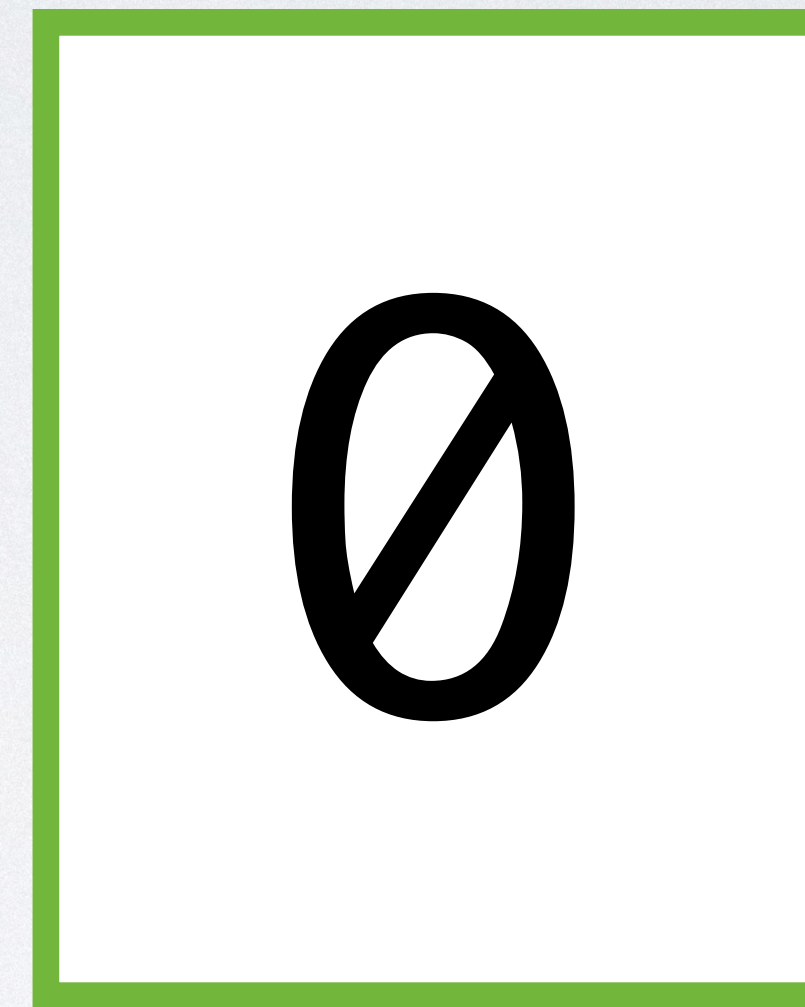

```
<a style="" ...
```



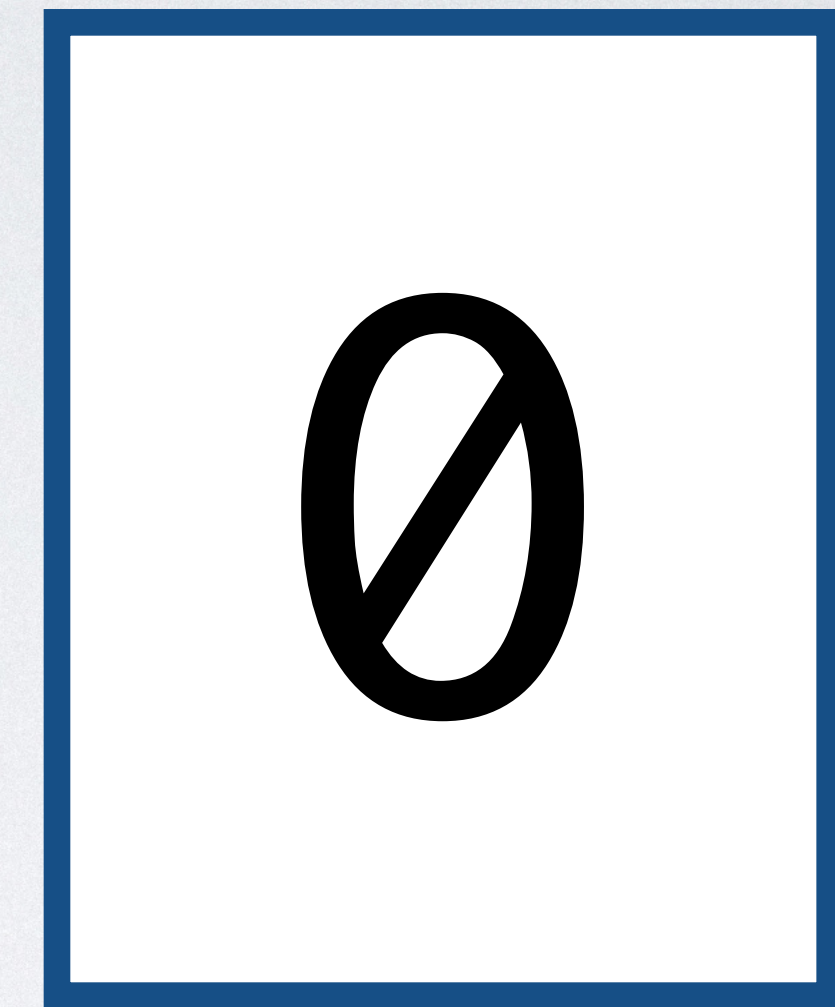
Inline
(style attribute)



ID



Class
Pseudo-class
Attribute



Element


```
<a style="" ...
```

1

Inline
(style attribute)

0

ID

0

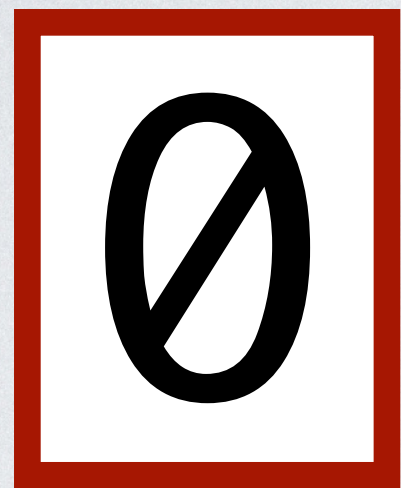
Class
Pseudo-class
Attribute

0

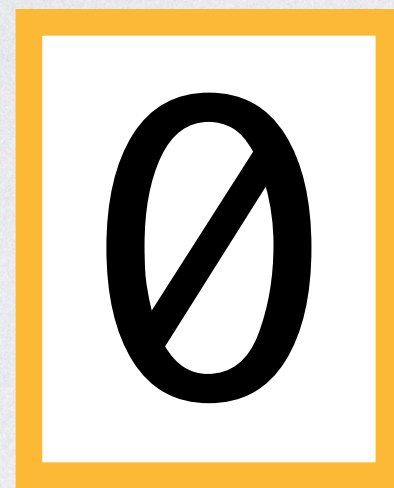
Element

LET'S PLAY!

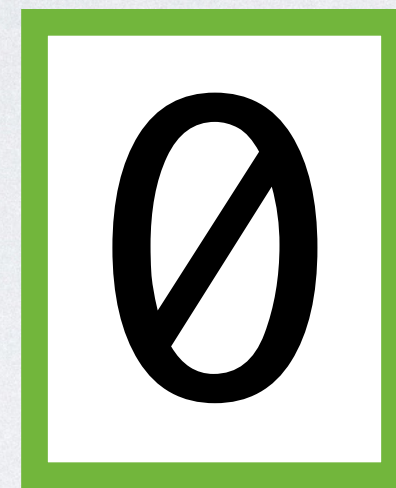
html body div div h2



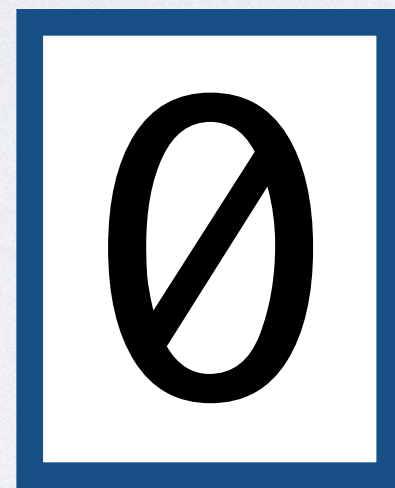
Inline



ID

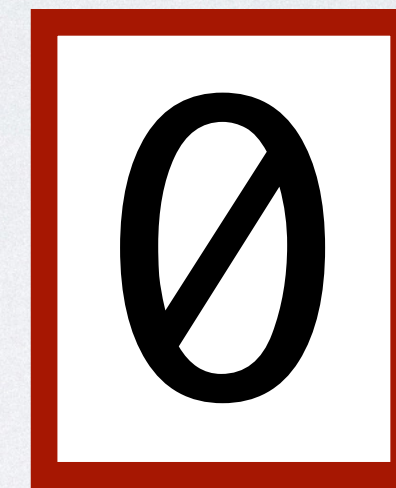


Class
Pseudo-class
Attribute

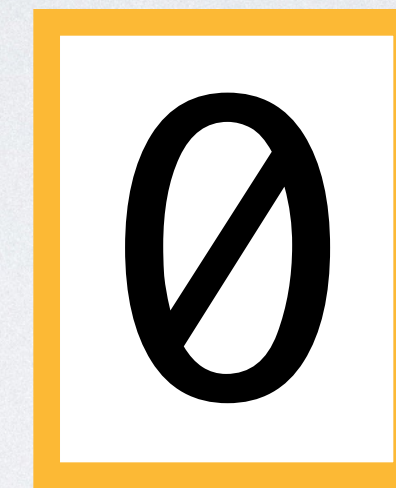


Element

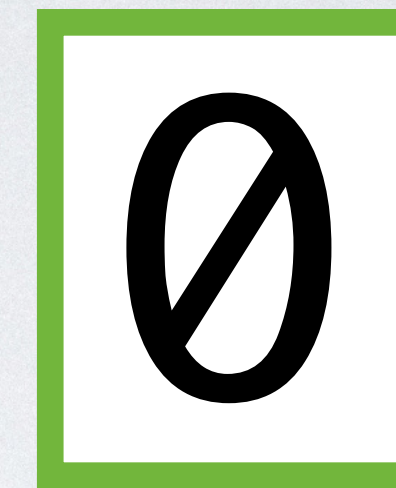
.header-important



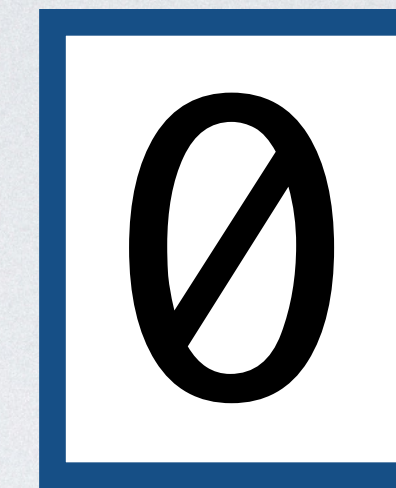
Inline



ID

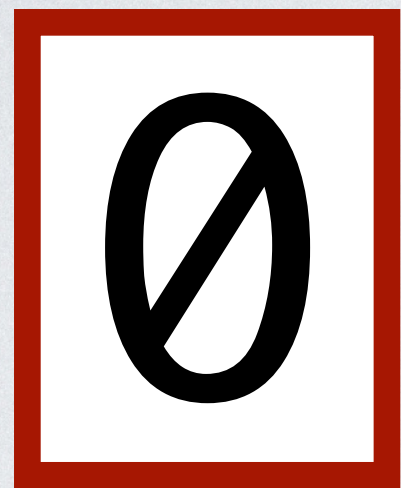


Class
Pseudo-class
Attribute

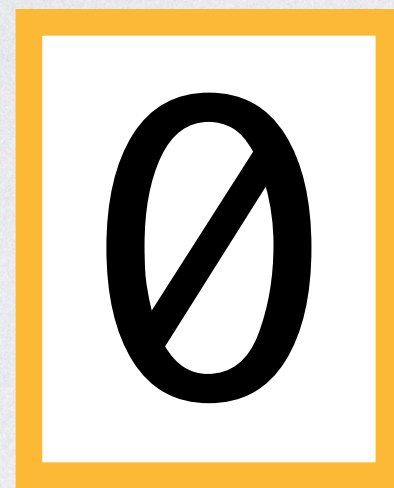


Element

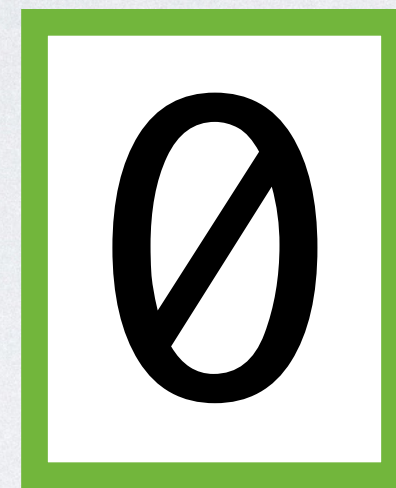
html body div div h2



Inline



ID

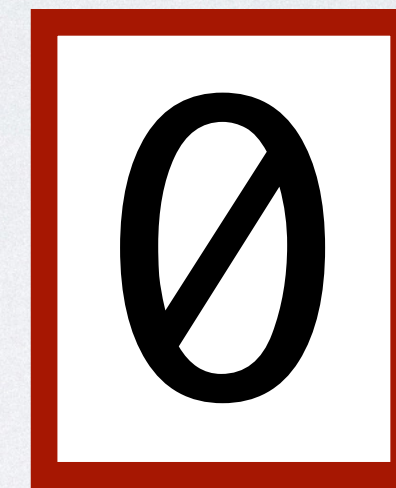


Class
Pseudo-class
Attribute

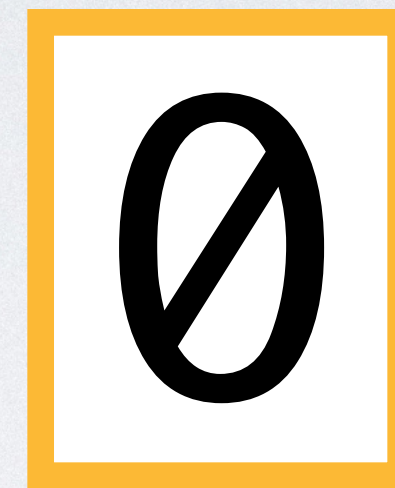


Element

.header-important



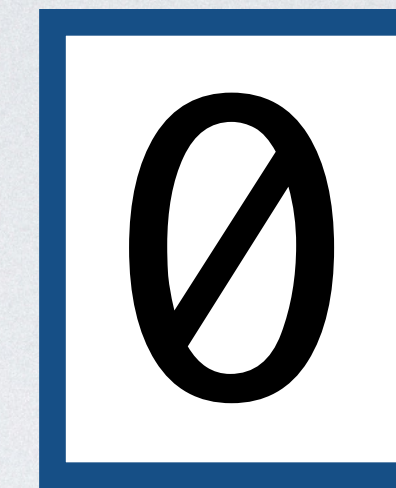
Inline



ID

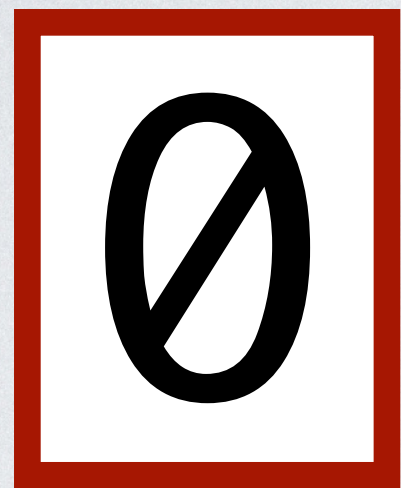


Class
Pseudo-class
Attribute

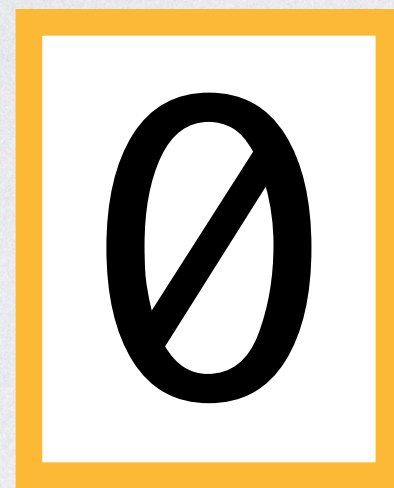


Element

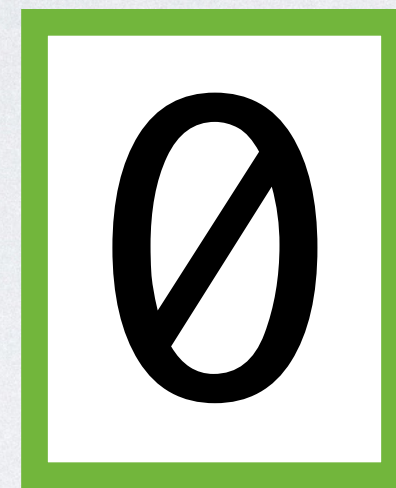
#info



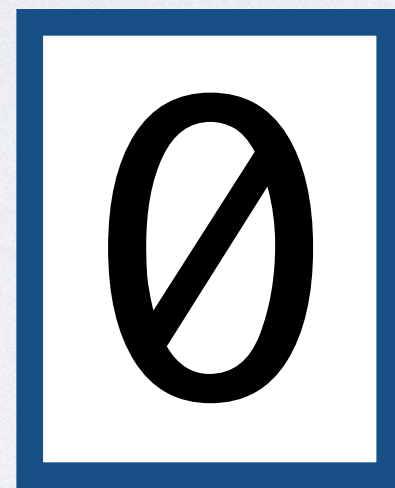
Inline



ID

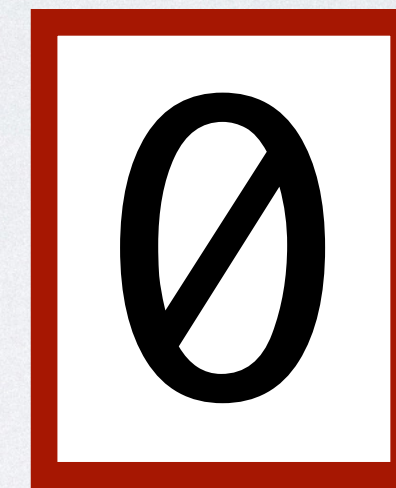


Class
Pseudo-class
Attribute

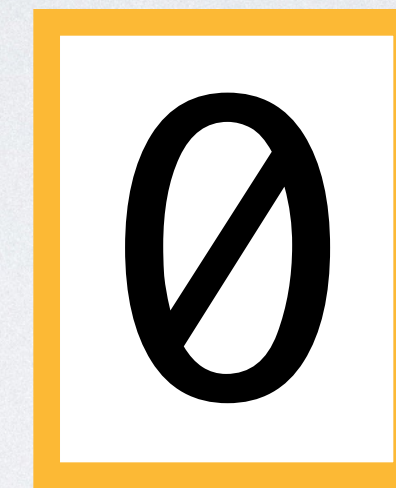


Element

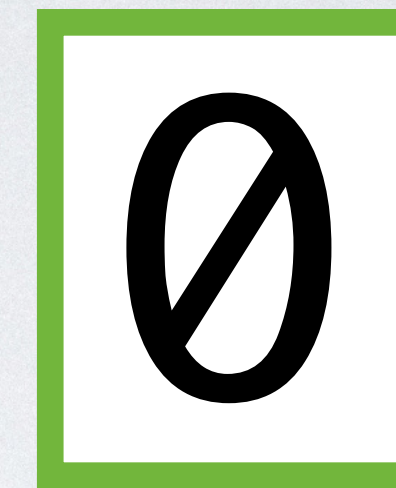
.box .info p



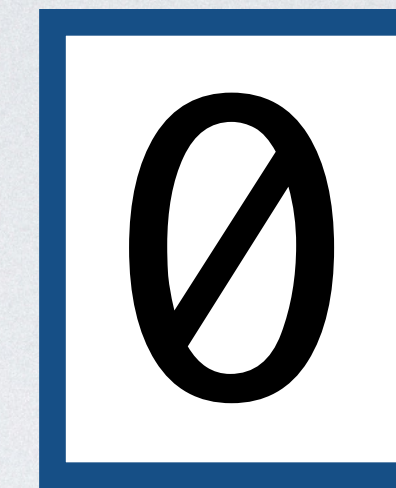
Inline



ID

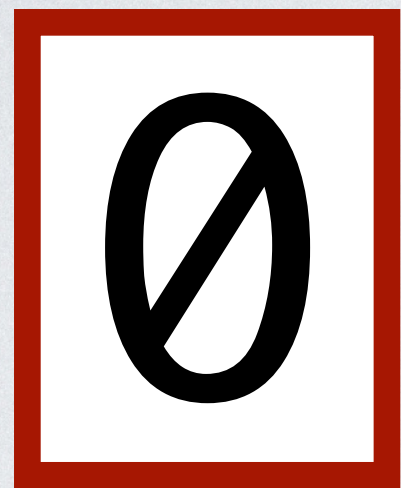


Class
Pseudo-class
Attribute



Element

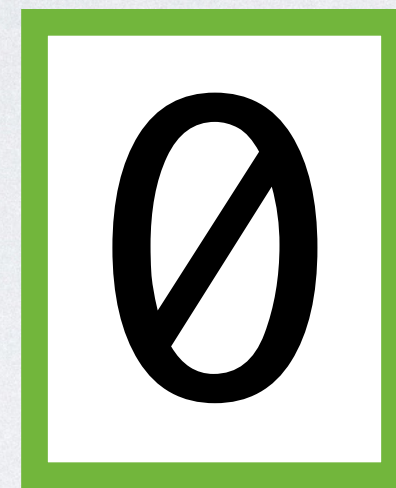
#info



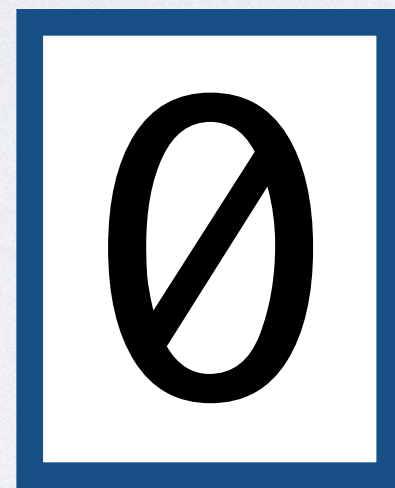
Inline



ID

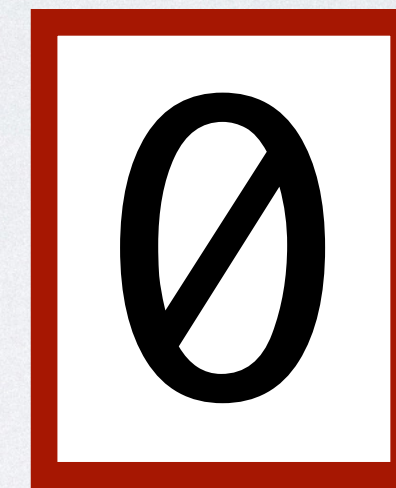


Class
Pseudo-class
Attribute

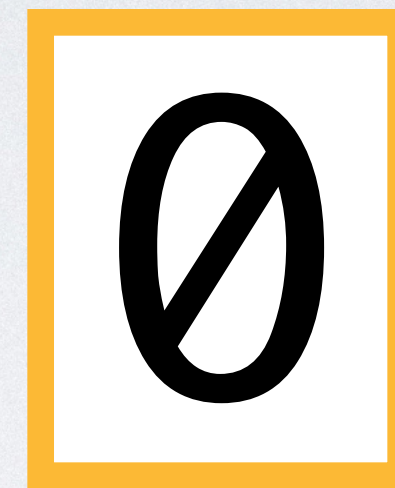


Element

.box .info p



Inline



ID

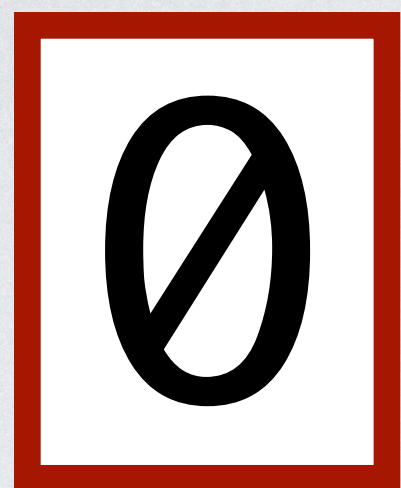


Class
Pseudo-class
Attribute

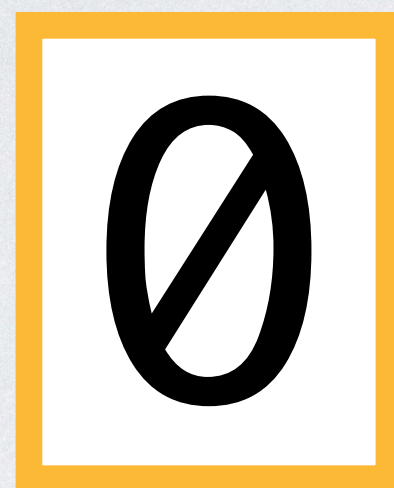


Element

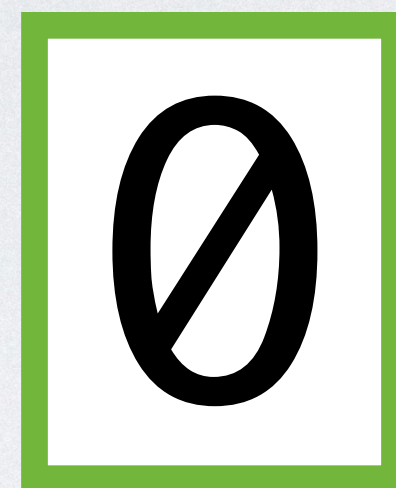
ul#nav li.active a



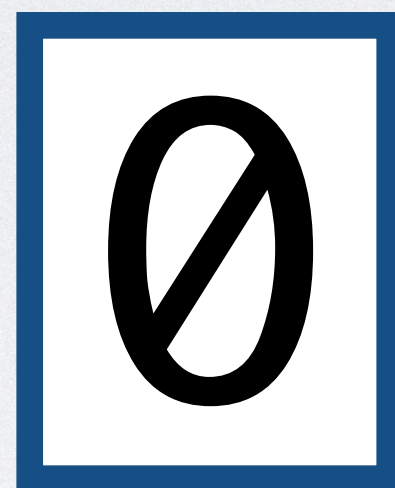
Inline



ID

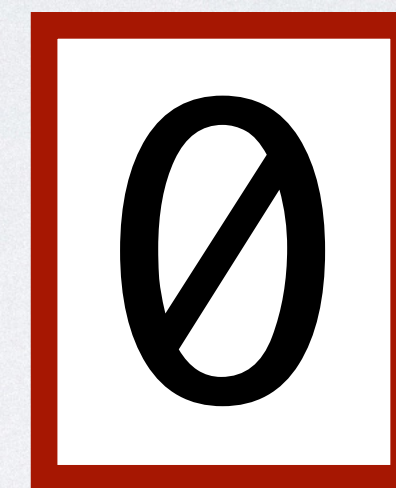


Class
Pseudo-class
Attribute

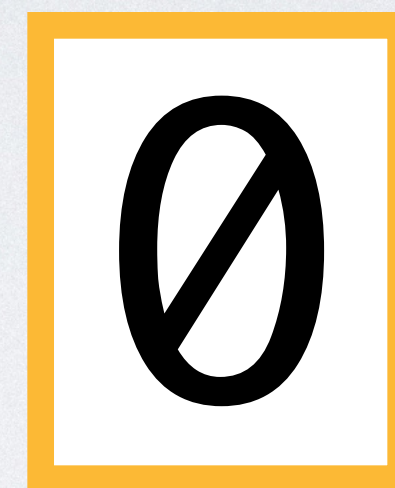


Element

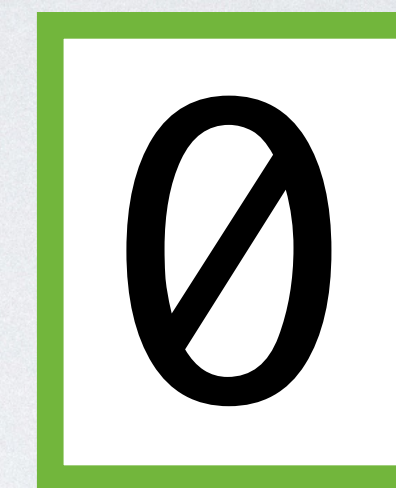
#lk-special



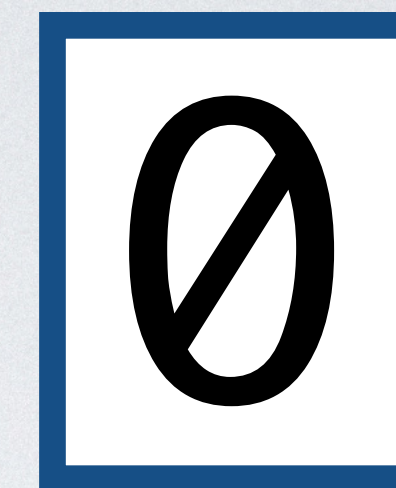
Inline



ID

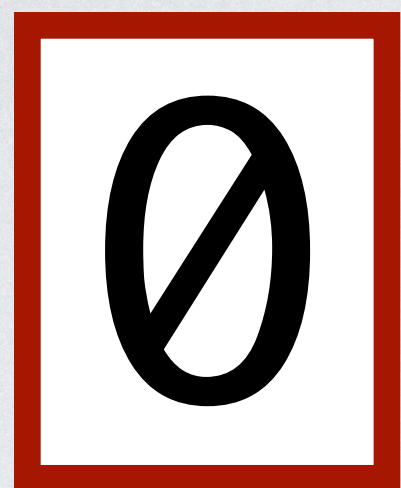


Class
Pseudo-class
Attribute



Element

ul#nav li.active a



Inline



ID

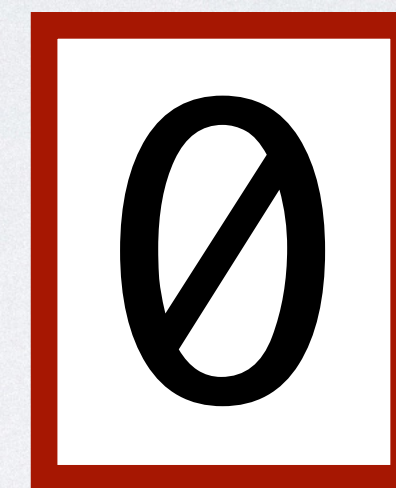


Class
Pseudo-class
Attribute



Element

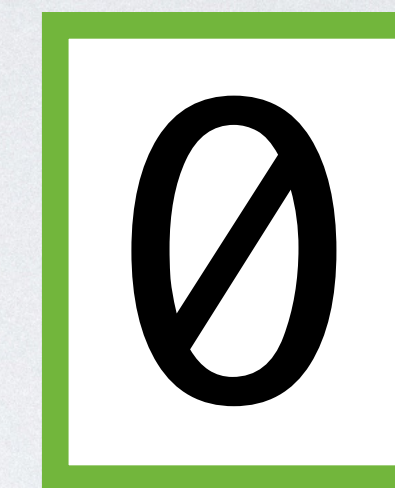
#lk-special



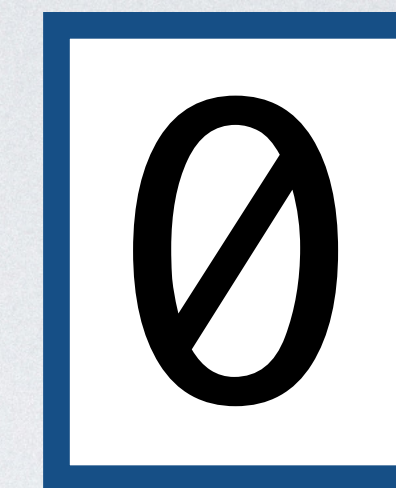
Inline



ID

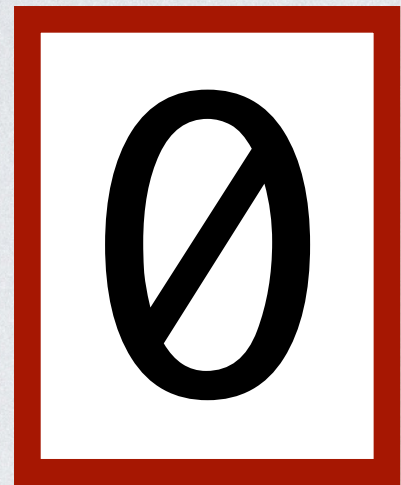


Class
Pseudo-class
Attribute

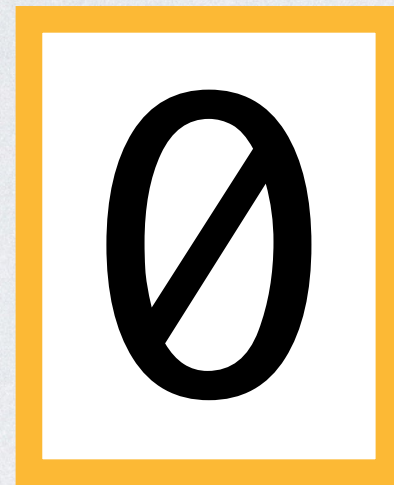


Element

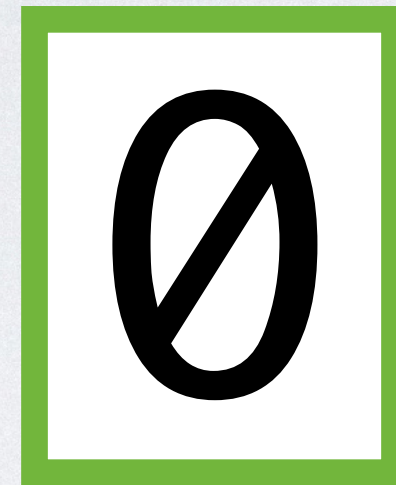
#box ul li a



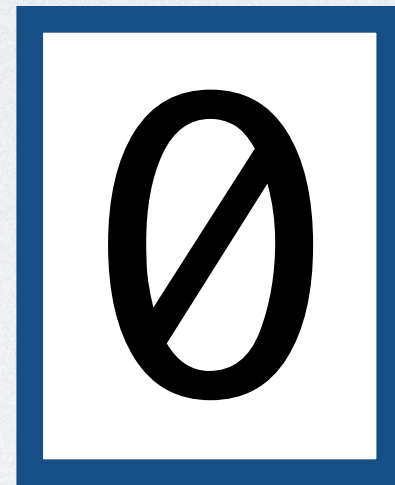
Inline



ID

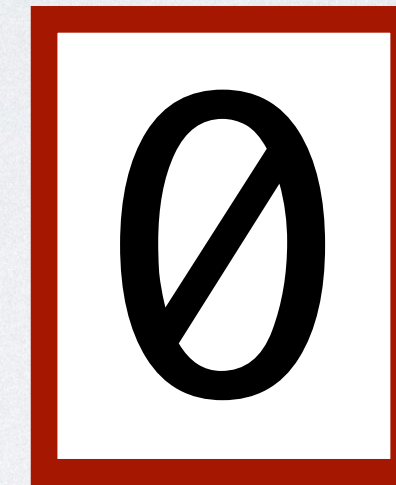


Class
Pseudo-class
Attribute

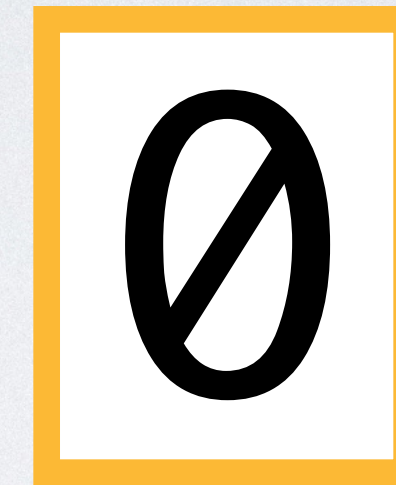


Element

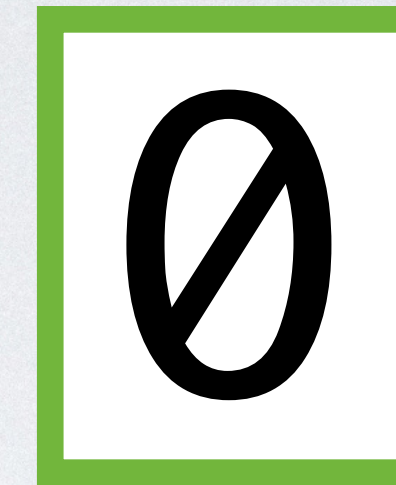
li a .lk-important



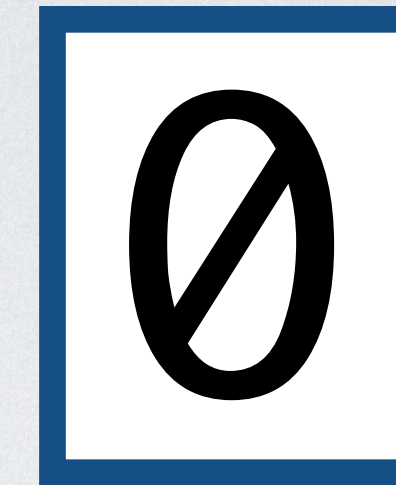
Inline



ID

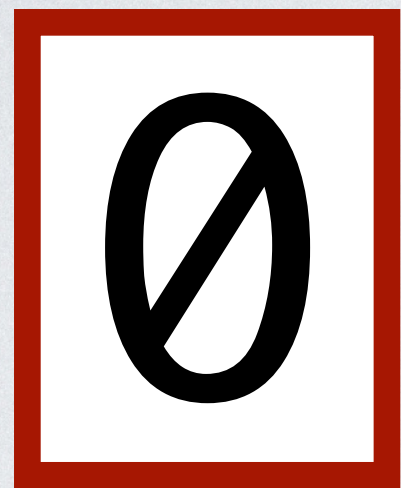


Class
Pseudo-class
Attribute



Element

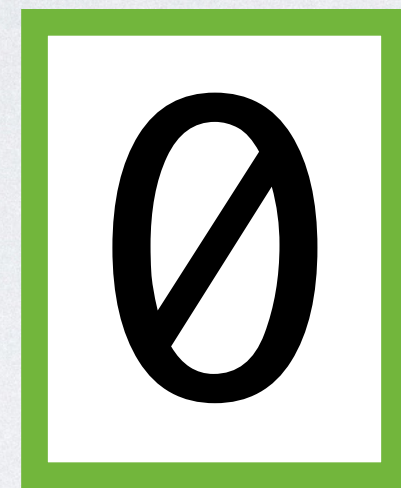
#box ul li a



Inline



ID

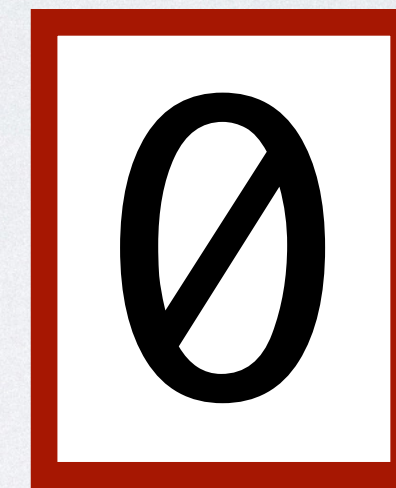


Class
Pseudo-class
Attribute

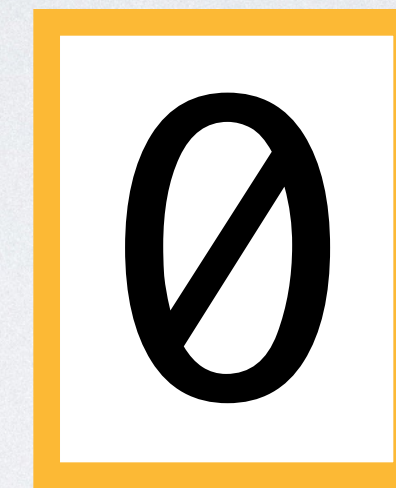


Element

li a .lk-important



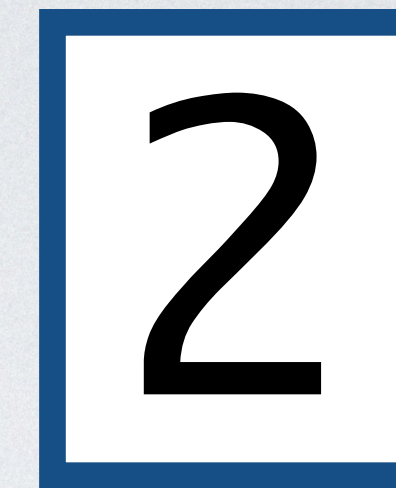
Inline



ID















Class
Pseudo-class
Attribute



Element

SPECIFICITY WARS

 a 1 x element selector Sith: 0, 0, 1	 p a 2 x element selectors Sith: 0, 0, 2	 .whatever 1 x class selector Sith: 0, 1, 0	 a.whatever 1 x element selector 1 x class selector Sith: 0, 1, 1
 p a.whatever 2 x element selectors 1 x class selector Sith: 0, 1, 2	 .whatever .whatever 2 x class selectors Sith: 0, 2, 0	 p.whatever a.whatever 2 x element selectors 2 x class selectors Sith: 0, 2, 2	 #whatever 1 x id selector Sith: 1, 0, 0
 a#whatever 1 x element selector 1 x id selector Sith: 1, 0, 1	 .whatever a#whatever 1 x element selectors 1 x class selector 1 x id selector Sith: 1, 1, 1	 .whatever .whatever #whatever 2 x class selectors 1 x id selector Sith: 1, 2, 0	 #whatever #whatever 2 x id selectors Sith: 2, 0, 0

TOOLS: SPECIFICITY CALCULATOR

Specificity Calculator

A visual way to understand [CSS specificity](#). Change the selectors or paste in your own.

Sort by specificity

nav

>

a:hover::before

0

IDs

1

Classes, attributes and pseudo-classes

3

Elements and pseudo-elements

+ Duplicate

ul#primary-nav

li.active

1

IDs

1

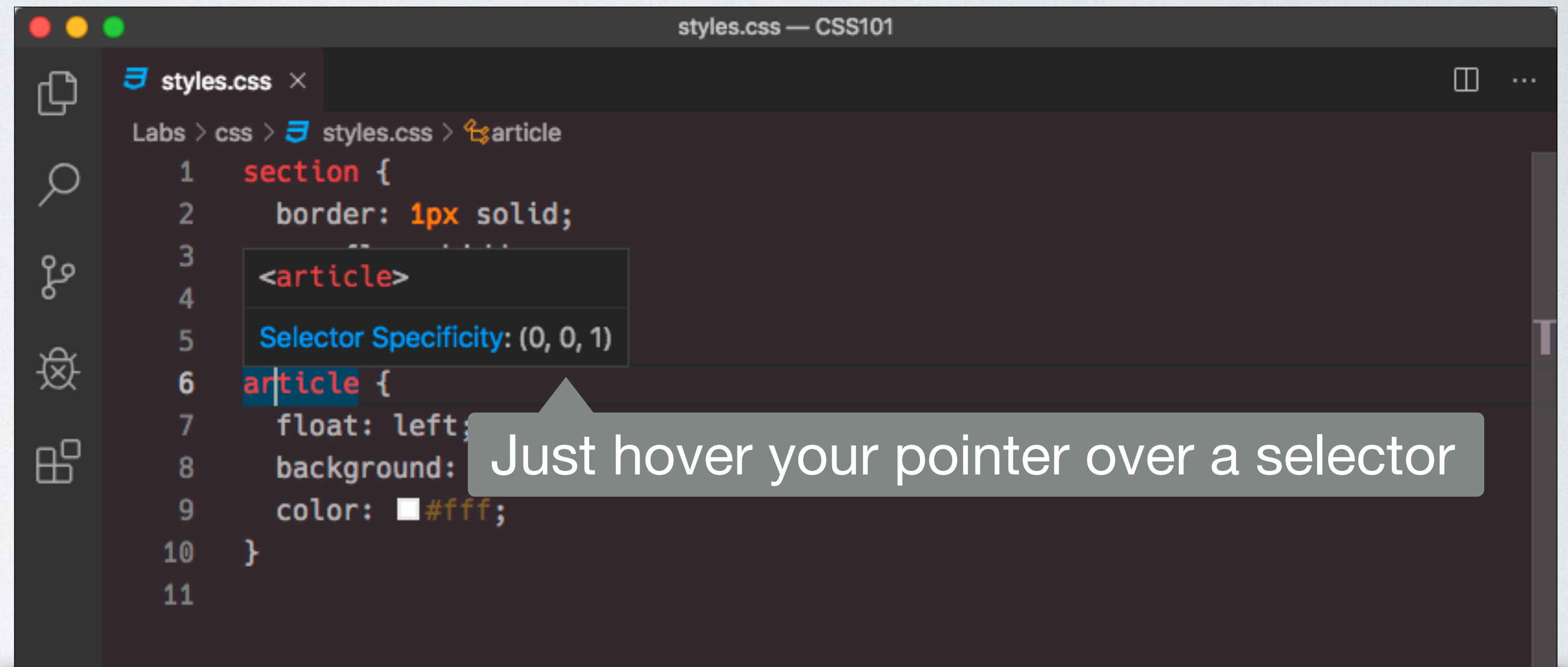
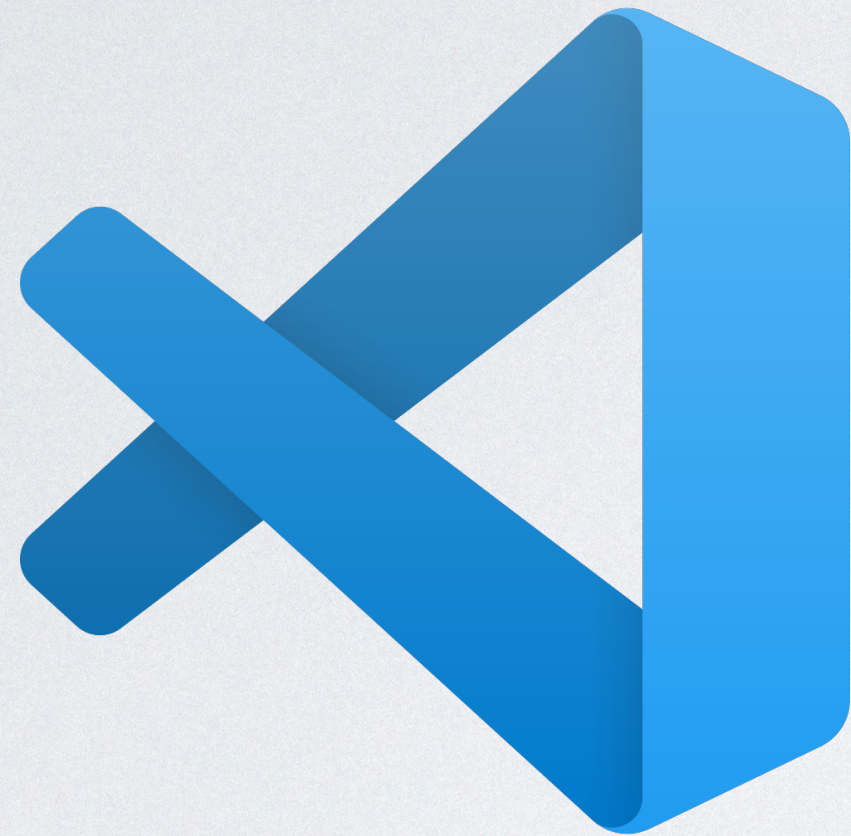
Classes, attributes and pseudo-classes

2

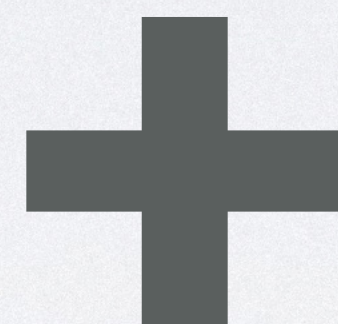
Elements and pseudo-elements

+ Duplicate

TOOLS: VISUAL STUDIO CODE



CASCADE



SPECIFICITY



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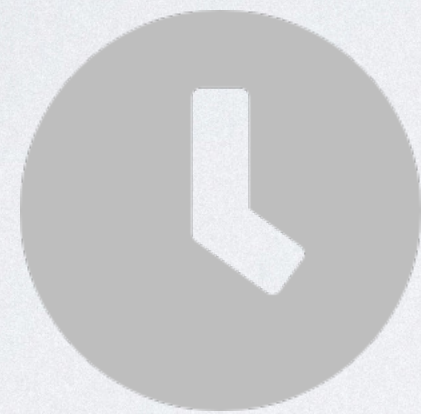
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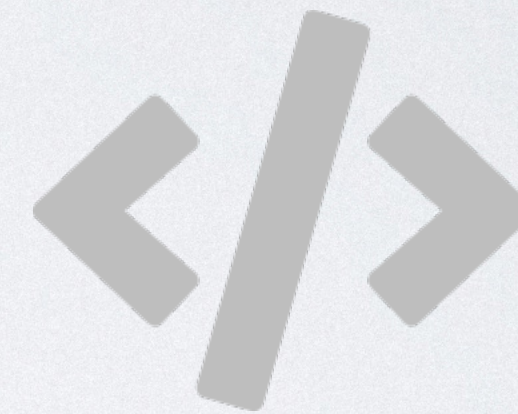
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CSS

CSS FUNDAMENTALS

Specificity



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