

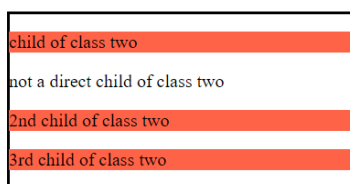
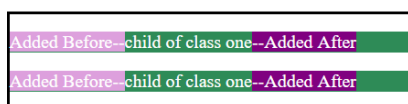
LAB: Combinators

Lesson Time: 30 Minutes

Use the starting files 4_3combinators.html and 4_3combinators.css and update the CSS using combinators to recreate the image shown below.

Combinators

paragraph before class one



paragraph the comes after class two

some paragraph

You will need to write these statements in CSS to achieve the results.

1. Set the background color of all child items in div ONE to green.
2. Set the background color of only the first level children in div TWO to tomato color.
3. Set the background color of only the first outside sibling after div TWO to yellow.

Extra Credit.

4. Use the :before keyword to insert the words "Added Before" before each child item in div ONE. Make the background color plum.
5. Use the :after keyword to insert the words "Added After" after each child item in div ONE. Make the background color purple.

Key Terms	
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Lesson Files	4_3combinators.html, 4_3combinators.css
Additional Resources	https://www.w3schools.com/cssref/selector_before.asp
Further Learning	

Specificity

Lesson Time: 30 Minutes

FROM GENERAL SELECTION TO PRECISE SELECTION.

Consider this CSS code.

HTML	CSS
<pre><pre> Tedious mountain A yellow, fun flower flies betrayed by the box </pre> <pre class='myClass'> Wintry aurora A peen, silly hammer moos because of the cheese </pre> <pre class='myClass' id='myID'> Magical morning A little, intense horse stands out of elephant </pre></pre>	<pre>pre { color: green; font-size: 22px; } .myClass { color: blue; font-size: 22px; } #myID { color: black; font-size: 22px; }</pre>

What colors will the haiku's be?

Tedious mountain
A yellow, fun flower flies
betrayed by the box

Wintry aurora
A peen, silly hammer moos
because of the cheese

Magical morning
A little, intense horse stands
out of elephant

Specificity in the order that CSS applies it's rules. It goes from broad to narrow. Our first selector says "***all <pre> elements are green.***"

However, our 2nd selector is more specific. "***All elements that belong to myClass are blue.***" Class selectors are more specific than elements.

Our 3rd selector is even more specific. "***The element with ID myID is black.***" ID selectors are more specific than Class selectors.

There is one more kind of specificity called **inline**. This is where we write CSS directly into the HTML with **style**. It's the most specific. It should be avoided as much as possible. Do not mix css with html inside of the html.

This element is a pre, part of myClass, and has ID "myID". However, everything is overwritten by **style=**

```
<pre class='myClass' id='myID' style="color:red; font-size: 22px;">
  Rocky cold hillside
  A golden, little bowl eats
  in spite of the fox
</pre>
```

Rocky cold hillside
A golden, little bowl eats
in spite of the fox

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