

## ScriptEd Lesson 8: Color Block Lesson. Teacher Notes

<head>, <body> and the entire <div id="main" class="square"> line are **elements**. We don't need to put ANYTHING in front of an element name when we refer to it in the style block or sheet

```

1  <!DOCTYPE html>
2  <html>
3    <head>
4      <style>
5        #main{
6          background-color:red;
7          height:600px;
8          padding:30px;
9          padding-left:60px;
10       }
11       #crayon{
12         height:300px;
13         width:70%;
14         background-color:purple;
15       }
16       .square{
17
18       }
19       div{
20
21       }
22     </style>
23
24     <title>Colorz</title>
25
26
27   </head>
28   <body>
29     <div id="main" class="square">
30       <div id="crayon" class="square"></div>
31     </div>
32
33   </body>
34 </html>
35
36

```

#main is an **ID**. Each ID can be given to ONLY ONE element in a document. We always put a “#” before the ID in our style blocks or style sheets.

#crayon is another **ID**. You can name IDs whatever you want!

.square is **Class**. We always put a “.” before a class name in our style sheets and style blocks. You can call classes whatever you want!

The “Parent”

The “Child”



**REMEMBER PARENTS and CHILDREN**  
In the color block, #a is a parent of #b,  
and #b is a child of #a

## Position **Relative** and Position **Absolute**

If a “parent” **element** is given position **relative** or position **absolute**, and its child is given position **relative**, the child can be positioned inside of the parent by setting ‘top’, ‘left’, ‘right’ or ‘bottom’. Here’s what it looks like in code and when it is rendered on your screen.

```
1  <!DOCTYPE html>
2  <html>
3    <head>
4      <style>
5        #a{
6          position:relative;
7          height:600px;
8          background-color:red;
9        }
10       #b{
11         position:absolute;
12         left:20px;
13         top:10px;
14         height:300px;
15         width:200px;
16         background-color:purple;
17       }
18     </style>
19
20     <title>Colorz</title>
21   </head>
22   <body>
23     <div id="a">
24       <div id="b"></div>
25     </div>
26   </body>
27 </html>
```

This moves the purple box to the left 20px from the left and 10 px from the top

**Remember:** You still need to set the height and width to get the box to appear! Otherwise it will look like your box is not there because it will 0px wide and 0px tall!

This is what this HTML file looks like when rendered in a web browser

