# Html & CSS

For beginners

# Table of Contents


01 Colors

02 Borders

03 Radius

04 Shadows

01

# Colors

# Color Types

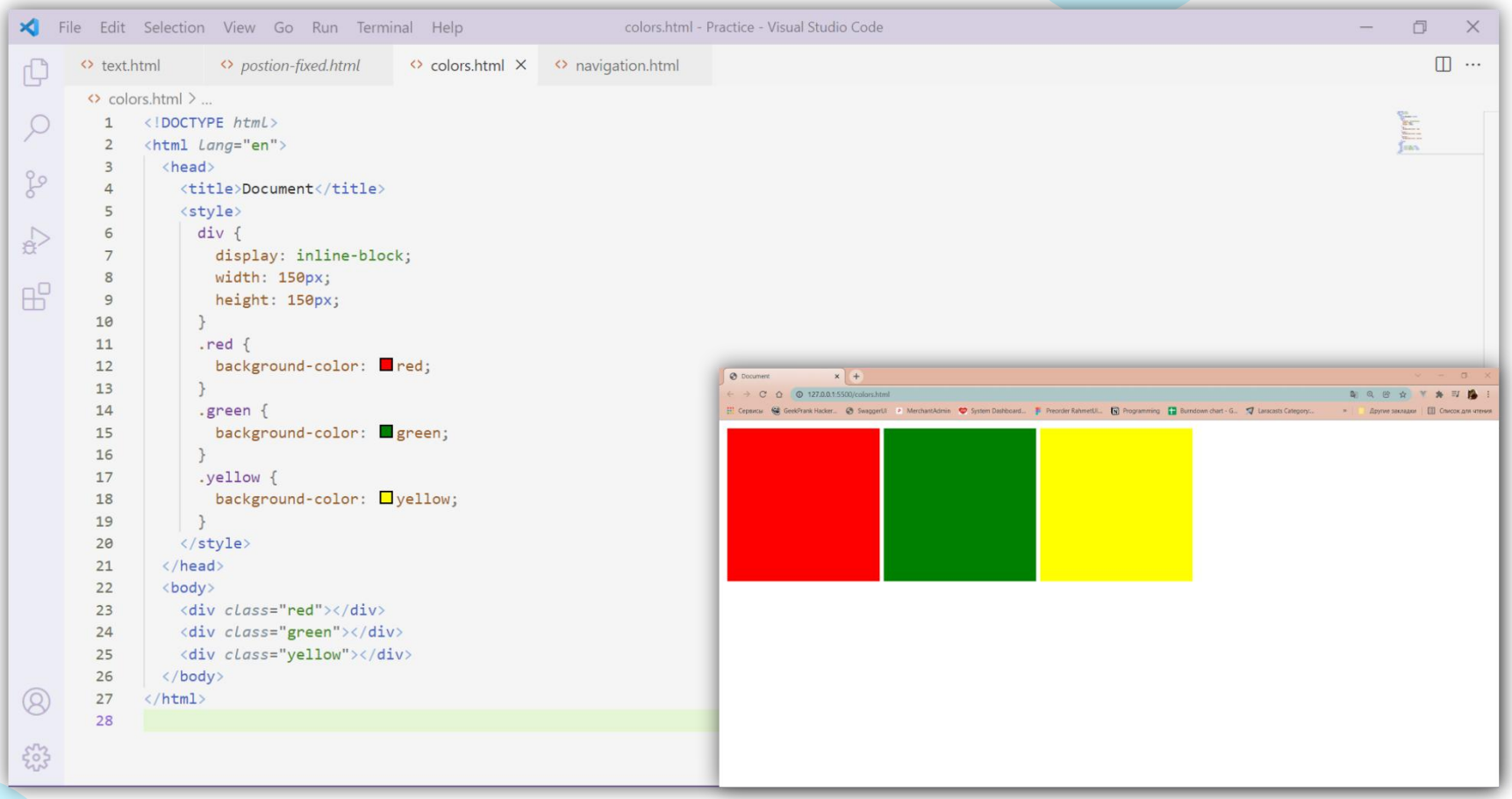
HTML colors are specified with predefined color names, or with RGB, HEX, RGBA, values.

## Most used colors

Most used html colors are RGB, HEX and color names

**red** -> color name
**rgb(255, 0, 0)** -> RGB color
**#FF0000** -> HEX color

Now let's see it with more details


File Edit Selection View Go Run Terminal Help
colors.html - Practice - Visual Studio Code
text.html
postion-fixed.html
colors.html
navigation.html
colors.html > ...
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <title>Document</title>
5 <style>
6 div {
7 display: inline-block;
8 width: 150px;
9 height: 150px;
10 }
11 .red {
12 background-color: red;
13 }
14 .green {
15 background-color: green;
16 }
17 .yellow {
18 background-color: yellow;
19 }
20 </style>
21 </head>
22 <body>
23 
24 
25 
26 </body>
27 </html>
28

# RGB colors

An RGB color value is specified with the rgb() function, which has the following syntax: rgb(red, green, blue)

Each parameter (red, green, and blue) defines the intensity of the color and can be an integer between 0 and 255 or a percentage value (from 0% to 100%).

```
rgb(0,0,255)
```

# Hexadecimal colors

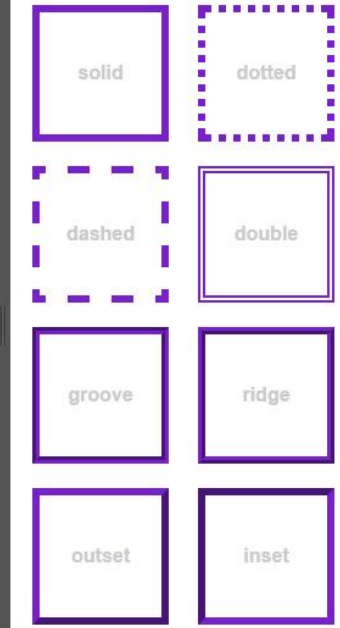
A hexadecimal color is specified with: #RRGGBB, where the RR (red), GG (green) and BB (blue) hexadecimal integers specify the components of the color. All values must be between 00 and FF.

#00ff00

02

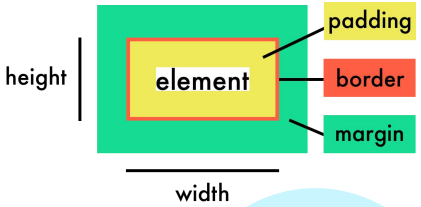
# Borders

```css
.d1 {border-style: solid;}

.d2 {border-style: dotted;}

.d3 {border-style: dashed;}

.d4 {border-style: double;}

.d5 {border-style: groove;}

.d6 {border-style: ridge;}

.d7 {border-style: outset;}

.d8 {border-style: inset;}

div {
  border-width: 6px;
  border-color: #7922CC;
  width: 100px;
  height: 100px;
  display: inline-block;
  margin: 10px;
  text-align:center;
}
```




# borders

The CSS border properties allow you to specify the style, width, and color of an element's border.



# CSS Borders

```
border-width: 1px;   // here you should give with of your border
border-style: solid;   // here you should give style of your border  [dotted, dashed, double ]
border-color: red;     // here you should give color of your border
```

You can write all this properties in one line of code.

```
border: 1px solid red;
```

03

# Radius

# CSS rounded Borders

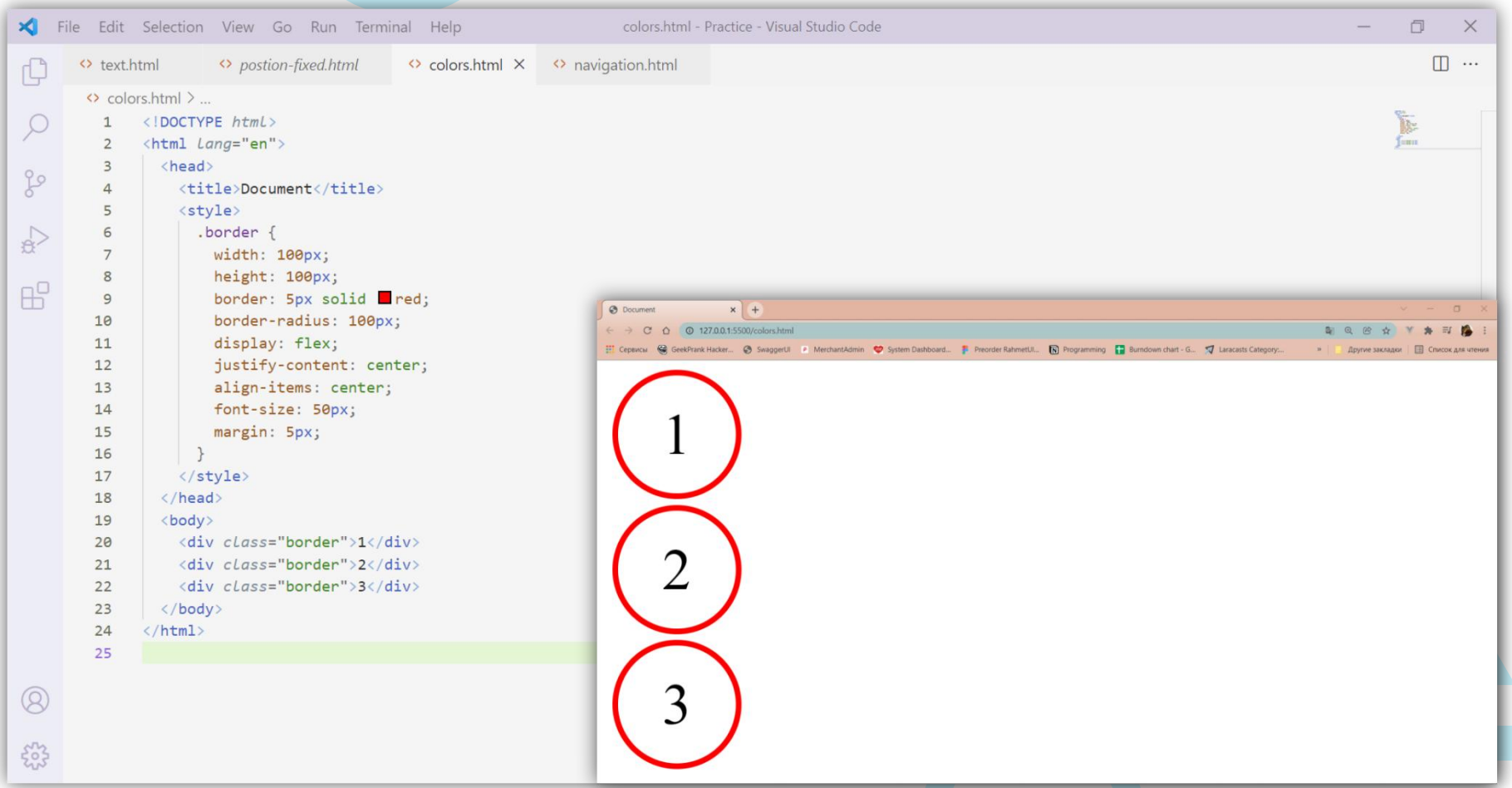
The border-radius property is used to add rounded borders to an element:

```
p {
  border: 2px solid red;
  border-radius: 5px;
}
```

```
Elemento1 {
  width: 100px;
  height: 100px;
}
```

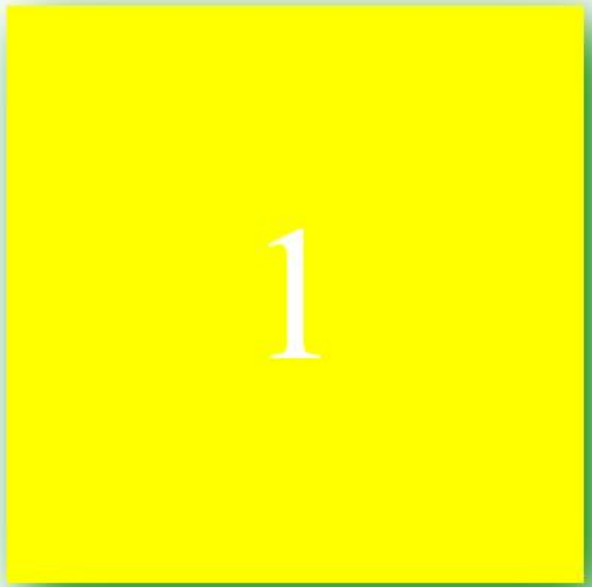
```
Elemento2 {
  width: 100px;
  height: 100px;
  border-radius: 10px;
}
```

```
Elemento3 {
  width: 100px;
  height: 100px;
  border-radius: 50px;
}
```


File Edit Selection View Go Run Terminal Help
colors.html - Practice - Visual Studio Code
text.html
postion-fixed.html
colors.html
navigation.html
colors.html > ...
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <title>Document</title>
5 <style>
6 .border {
7 width: 100px;
8 height: 100px;
9 border: 5px solid red;
10 border-radius: 100px;
11 display: flex;
12 justify-content: center;
13 align-items: center;
14 font-size: 50px;
15 margin: 5px;
16 }
17 </style>
18 </head>
19 <body>
20 1
21 2
22 3
23 </body>
24 </html>
25
Document
127.0.0.1:5500/colors.html
1
2
3

04

# Shadows



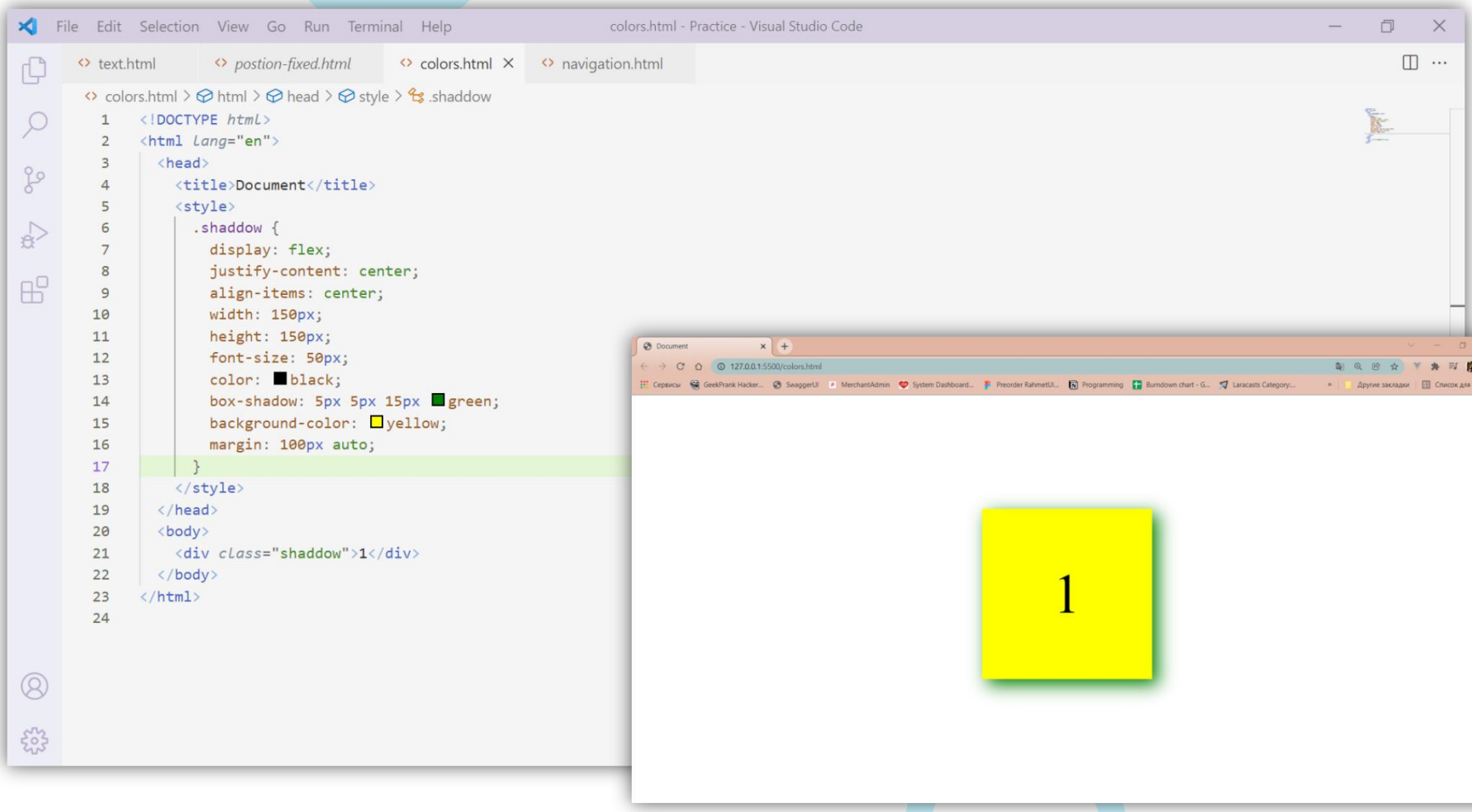

# box-shadow Property

The box-shadow property attaches one or more shadows to an element.

# Box-shadow in practice

box-shadow: 5px 10px 5px 10px #888888;

1. Firs value is for shadow horizontally, it can be negative number.
2. Second value is for vertical shadow, here also can be negative number.
3. Third value is for shrinking color,
4. After that we can give shadow color

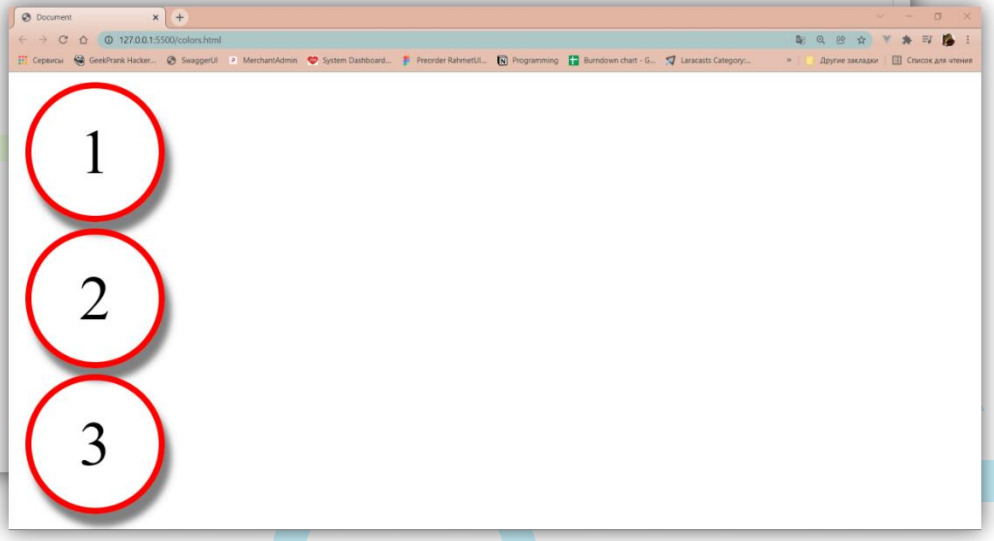

File Edit Selection View Go Run Terminal Help
colors.html - Practice - Visual Studio Code
text.html
postion-fixed.html
colors.html
navigation.html
colors.html > html > head > style > .shaddow
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <title>Document</title>
5 <style>
6 .shaddow {
7 display: flex;
8 justify-content: center;
9 align-items: center;
10 width: 150px;
11 height: 150px;
12 font-size: 50px;
13 color: black;
14 box-shadow: 5px 5px 15px green;
15 background-color: yellow;
16 margin: 100px auto;
17 }
18 </style>
19 </head>
20 <body>
21 1
22 </body>
23 </html>
24
Document
127.0.0.1:5500/colors.html
1

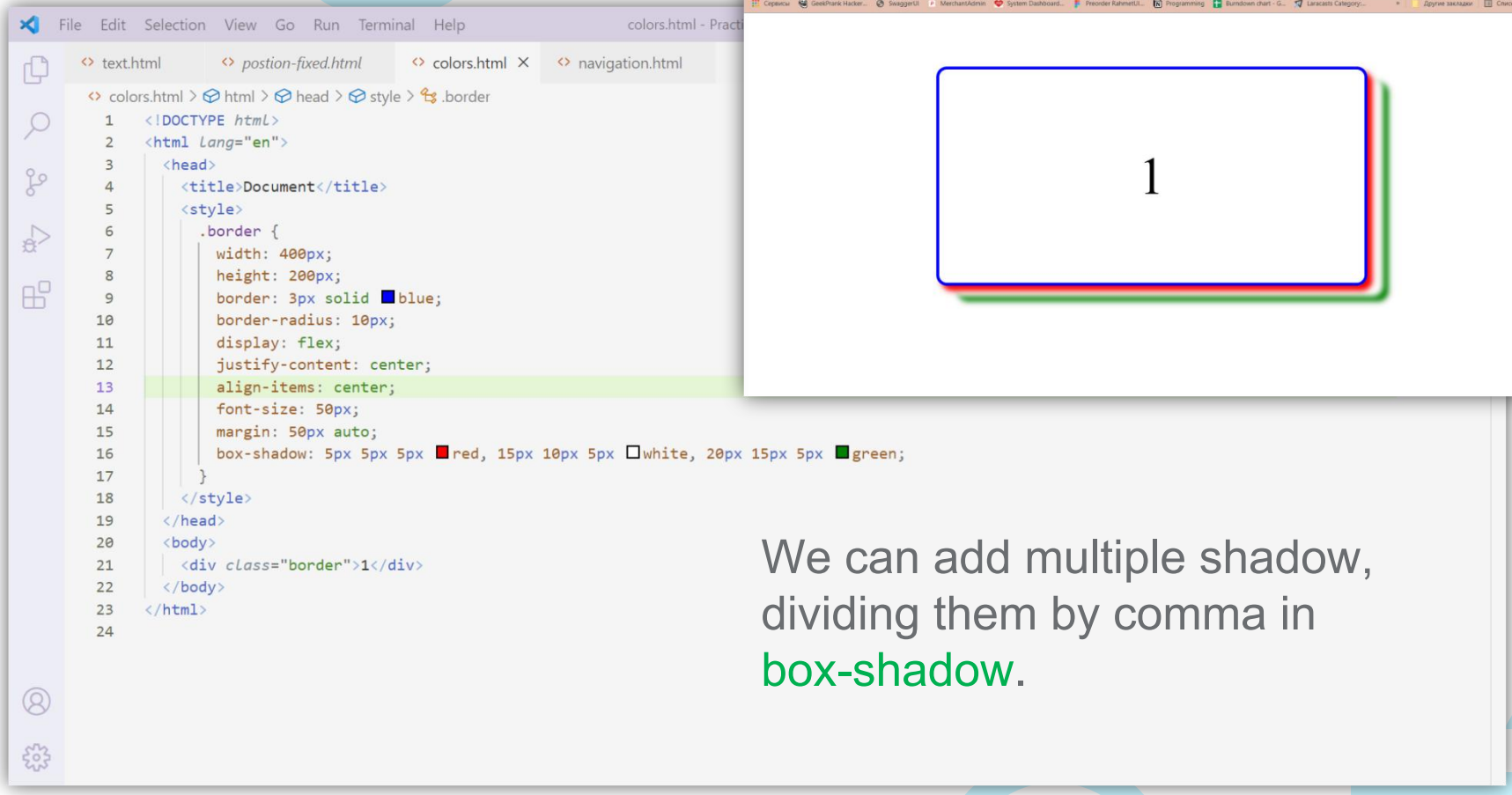
File Edit Selection View Go Run Terminal Help colors.html - Practice - Visual Studio Code

text.html postion-fixed.html colors.html navigation.html

colors.html > html > head > style

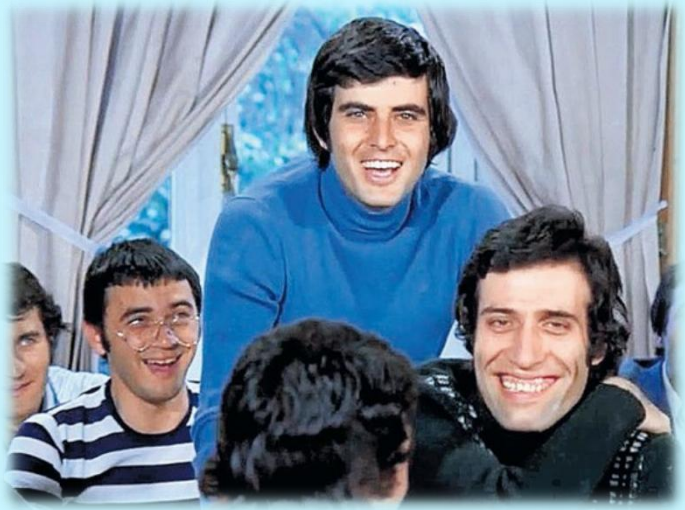
```
<!DOCTYPE html>
<html lang="en">
  <head>
    <title>Document</title>
    <style>
      .border {
        width: 100px;
        height: 100px;
        border: 5px solid red;
        border-radius: 100px;
        display: flex;
        justify-content: center;
        align-items: center;
        font-size: 50px;
        margin: 5px;
        box-shadow: 5px 10px 5px grey;
      }
    </style>
  </head>
  <body>
    <div class="border">1</div>
    <div class="border">2</div>
    <div class="border">3</div>
  </body>
</html>
```






We can add multiple shadow, dividing them by comma in box-shadow.

## Be happy and Smile



# Thanks!

*“That which does not kill us makes us stronger.”*
*— Friedrich Nietzsche*