

## CSS Tutorial: Box Shadow and Text Shadow | Web Development Tutorials #34

So far in these tutorials, we have discussed many projects and designing of the website through HTML and CSS. Now, we are going to learn about **Box Shadow** and **Text Shadow**. As usual, make a new file as *tut34.html* and then add the basic boilerplate. Give the title as *Box Shadow and Text Shadow* in the <title> tag.

The **box-shadow** CSS property adds shadow effects around an element's frame. We can set multiple effects separated by commas. It is described by X and Y offsets relative to the element, blur and spread radius, and colour. The **text-shadow** CSS property adds a shadow to text. It accepts a comma-separated list of shadows to be applied to the text and any of its decorations. It is also described by some combination of X and Y offsets from the element, blur radius, and colour. We will start by writing our HTML code. Here we will make three *divs* with the class as a *card*. So the code will be as follows-

```

<body>
  <div class="container">
    <div class="card" id="card-1">
      <h2>This is C++ Course</h2>
      <p>I have started C++ course which does not mean that we will stop this course. W
    </div>
    <div class="card" id="card-2">
      <h2>This is HTML Course</h2>
      <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Veritatis placeat do
    </div>
    <div class="card" id="card-3">
      <h2>Card3</h2>
      <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. In tenetur molestiae,
    </div>
  </div>

```

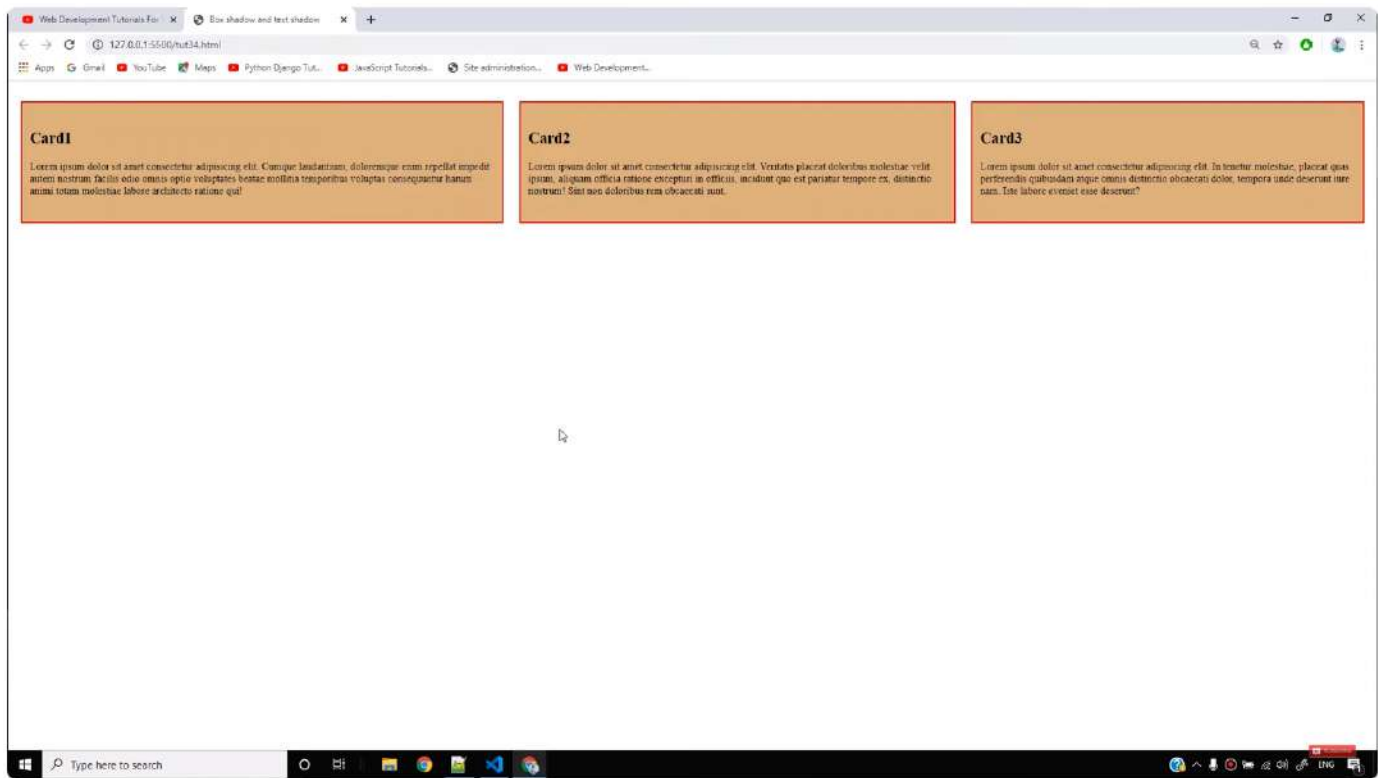
We will then add the margin, padding and background image to the **class- .card** as follows-

```

.card{
  padding: 23px 12px;
  margin: 23px 12px;
  background-color: burlywood;
}

```

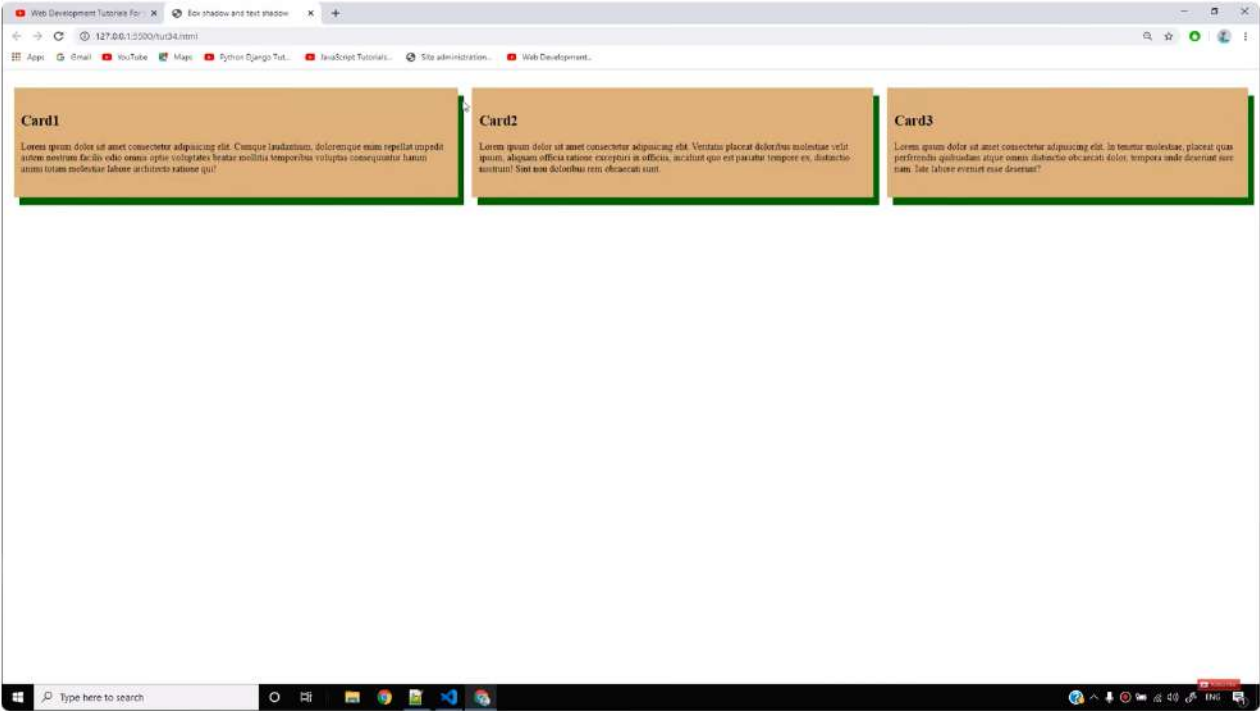
Our page will look as follows-



Now let us understand how to apply the box-shadow effect in the CSS. The basic syntax is as-

```
box-shadow: 10px 13px green;
```

Now the boxes inside the webpage will appear as-



If we write the above values in the negative, the shadow will move towards up. In the same way, we can apply the **blur-radius** property to the boxes. This property is used to make the border blur. The other property is **spread-radius**. It is used to spread the color around the box. To make all these changes inside the box, we can use the **inset** property as follows-

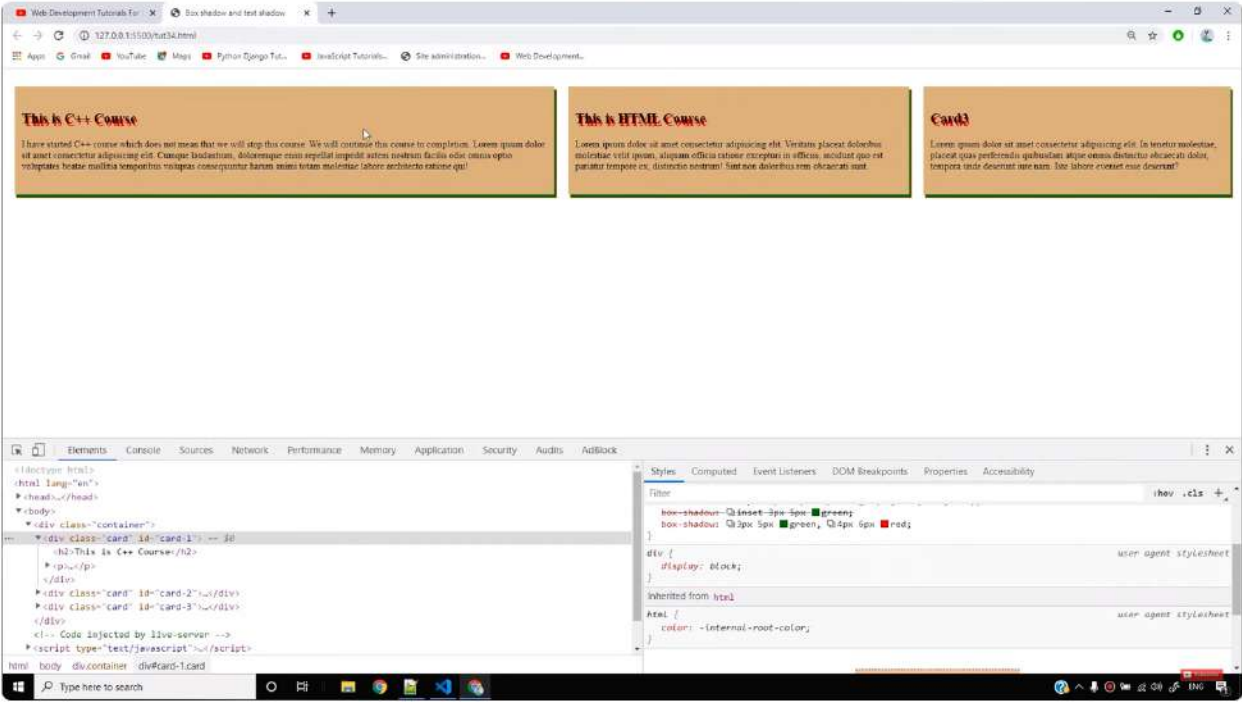
box-shadow: inset 3px 5px green

```
box-shadow: inset 3px 5px green;
```

Now let us see how to use **text-shadow**. For this, we will make the changes in the heading tag as follows-

```
.card h2{  
  text-shadow: 3px 4px red;  
}
```

By writing this, you will see the changes as follows-



We can use the negative values here also to see the changes towards the upside. All the properties like blur-radius and spread-radius can also be used here. So, I believe you have understood the concepts of box and text shadows. You can try different effects and analyze the changes accordingly. Till then, stay connected with the tutorial.

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Code as described/written in the video

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <title>Box shadow and text shadow</title>
</head>
<style>
.container{
  display: flex;
}
.card{
  padding: 23px 12px;
  margin: 23px 12px;
```

```
.card{
  padding: 23px 12px;
  margin: 23px 12px;
  /* border: 2px solid red; */
  background-color: burlywood;
  /* box-shadow: offset-x offset-y color; */
  /* box-shadow: offset-x offset-y blur-radius color; */
  /* box-shadow: offset-x offset-y blur-radius spread-radius color; */

  /* box-shadow: 10px 13px green; */
  /* box-shadow: -10px -13px green; */
  /* box-shadow: 7px 5px 10px green; */
  box-shadow: -7px -5px 10px green; /*
  /* box-shadow: -7px -5px 10px 34px green; */
  /* box-shadow: -7px -5px 10px 34px rgba(71, 172, 172, 0.5); */
  box-shadow: inset 3px 5px green;
```



```
    box-shadow: inset 3px 5px green;

    box-shadow: 3px 5px green, 4px 6px red;
}
.card h2{
    /* text-shadow: 3px 4px red; */
    /* text-shadow: 3px 2px 2px white; */
    text-shadow: -3px -2px 2px white;
}
</style>
<body>
    <div class="container">
        <div class="card" id="card-1">
            <h2>This is C++ Course</h2>
            <p>I have started C++ course which does not mean that we will stop this course. W
        </div>
```

```
<h2>This is C++ Course</h2>
```

```
<p>I have started C++ course which does not mean that we will stop this course. W
```

```
</div>
```

```
<div class="card" id="card-2">
```

```
<h2>This is HTML Course</h2>
```

```
<p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Veritatis placeat do
```

```
</div>
```

```
<div class="card" id="card-3">
```

```
<h2>Card3</h2>
```

```
<p>Lorem ipsum dolor sit amet consectetur adipisicing elit. In tenetur molestiae,
```

```
</div>
```

```
</div>
```

```
</body>
```

```
</html>
```