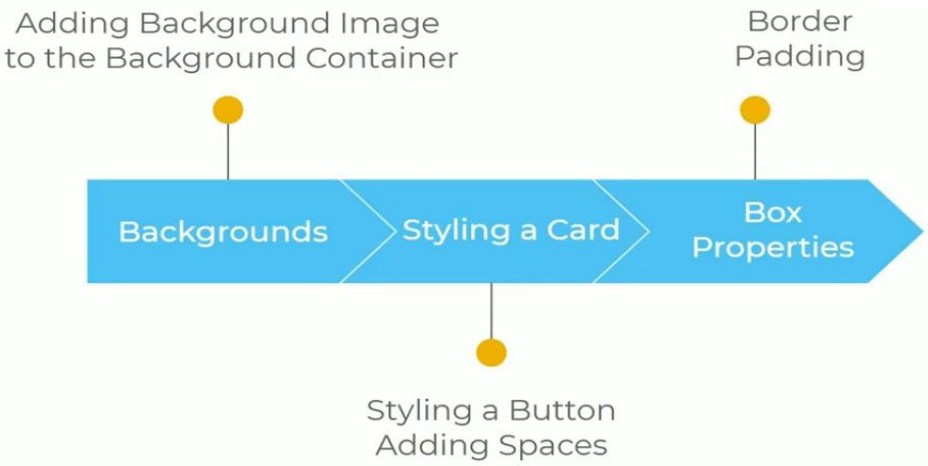
Agenda

Introduction to CSS Box Model: Part - 2



Agenda

What we are going to achieve

Backgrounds

Adding Background Image to a Container

HTML

```
<body>
  <div class="bg-container">
  </div>
</body>
```

CSS

```
.bg-container {
  background-image: url("Image URL");
  height: 100vh;
  background-size: cover;
}
```

Backgrounds

Adding Background Color to the Card

Card

HTML & CSS Syntax

Adding Background Color to the Card

HTML

```
<body>
  <div class="bg-container">
    <div class="card">
      <h1> Tourism </h1>
      <p> Plan your trip. </p>
      <button> Get Started </button>
    </div>
  </div>
</body>
```

CSS

```
.card {
  text-align: center;
  background-color: white;
}
```

Styling a Button

Get Started → Get Started

Button Styles

Adding Height & Width to the Button

HTML

```
<button class="button">
  Get Started
</button>
```

CSS

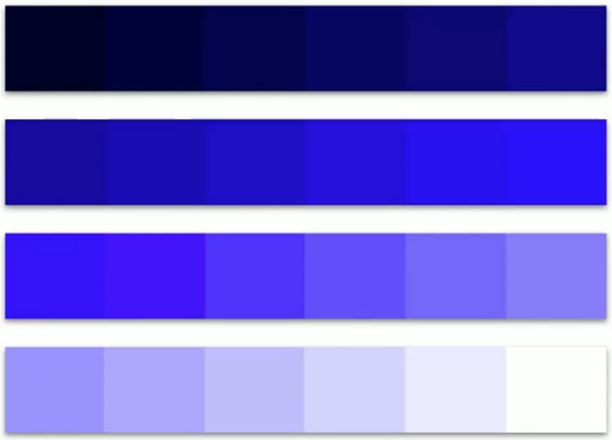
```
.button {
  height: 36px;
  width: 138px;
}
```

Let's Add Background Color to the Button

Color Name	
orange	
red	
blue	
green	

CSS

Colors



How you will name these colors?

CSS

Colors

Color can be represented in multiple ways

- **Color names**
- **Hex Code**
- HSL
- RGB

many more...

Color Representation

Hex Code

CSS

```
.button {
  background-color: #25b1cc;
}
```

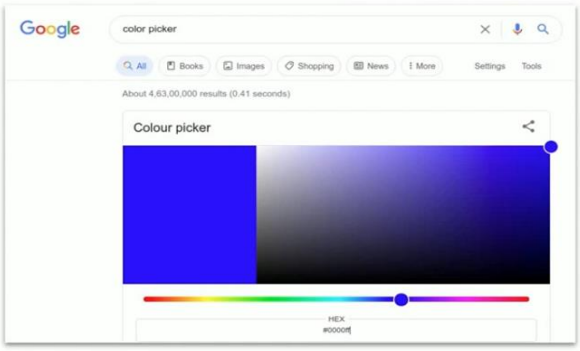
Color picker

Pick a Color using Hex Code

You can choose among

16,777,216

Colors
Using Hex Codes



- The Hex Code for the color **blue** is **#0000ff**

Colors

Values

Color Name	Hex Code	
orange	#ffa500	
red	#ff0000	
blue	#0000ff	
green	#008000	
	#012d36	
	#25b1cc	

Button Styles

Adding Color to the Button Text

CSS

```css
.button {
  height: 36px;
  width: 138px;
  background-color: #25b1cc;
  color: white;
}
```

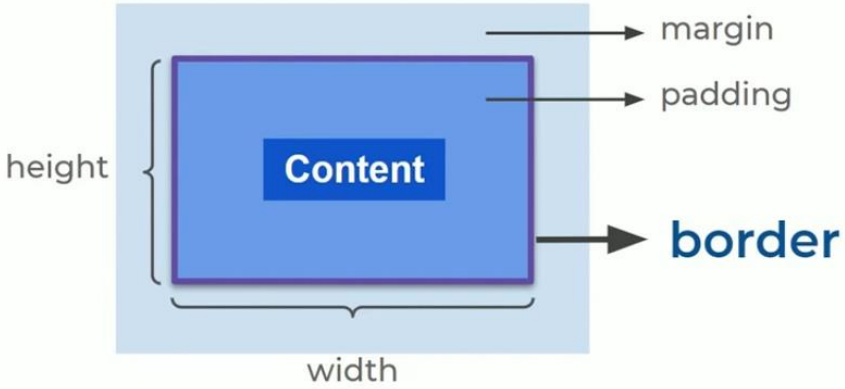
How Can We Get Rounded Corners for the Button?

CSS Box Model

Properties

Each rectangular box has different properties:

- height
- width
- margin
- border
- padding

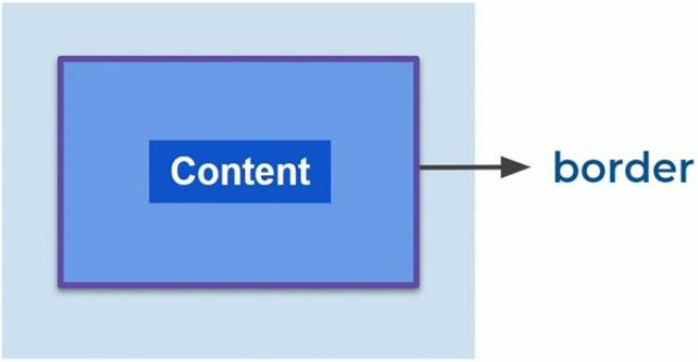


CSS Box Model

Border Properties

Box Model Border related Properties

- border-radius
- border-width
- border-style
- border-color



Border

Border Radius

Get Started `border-radius: 5px;`

Get Started `border-radius: 12px;`

Get Started `border-radius: 25px;`

Button Styles

Adding Border Radius

CSS

```css
.button {
    height: 36px;
    width: 138px;
    background-color: #25b1cc;
    color: white;
    border-radius: 20px;
}
```

Get Started → Get Started

Button Styles

Adding Border Radius

CSS

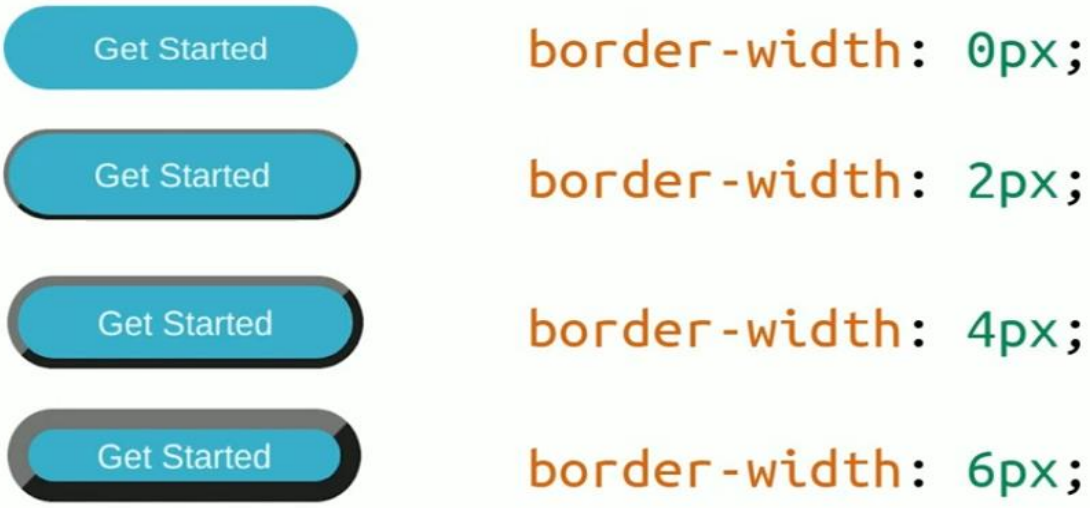
```css
.button {
    height: 36px;
    width: 138px;
    background-color: #25b1cc;
    color: white;
    border-radius: 20px;
}
```

Get Started → Get Started

How to Achieve the Button without a Border?

Border

Border Width



Button Styles

Removing Border from the Button

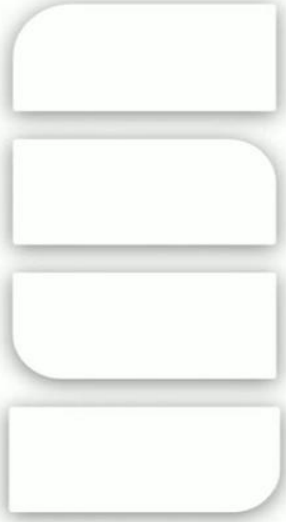
```css
.button {
    height: 36px;
    width: 138px;
    background-color: #25b1cc;
    color: white;
    border-radius: 20px;
    border-width: 0px;
}
```

By default, HTML Buttons come with borders in the browsers

How to get Rounded Corners for the Card?

Border

Border Radius to Corners



border-top-left-radius: 25px;

border-top-right-radius: 25px;

border-bottom-left-radius: 25px;

border-bottom-right-radius: 25px;

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Card Styles

Getting Rounded Corners for the Card

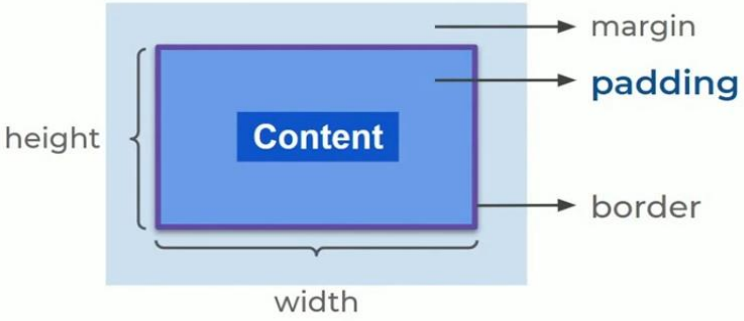
CSS

```css
.card {
  text-align: center;
  background-color: white;
  border-top-left-radius: 25px;
  border-top-right-radius: 25px;
}
```

CSS Box Properties

Padding

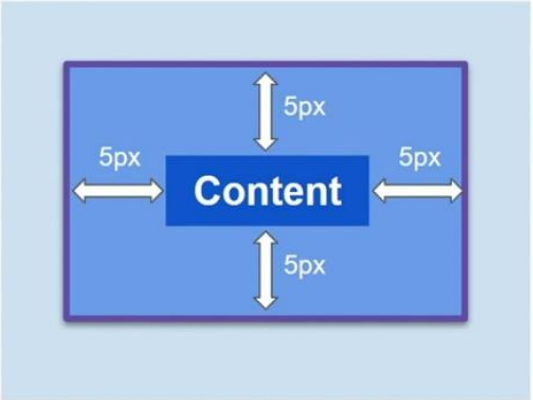
We can get spacing around element's content by using CSS Box Model **padding** property



Card Styles

Applying Padding to Card

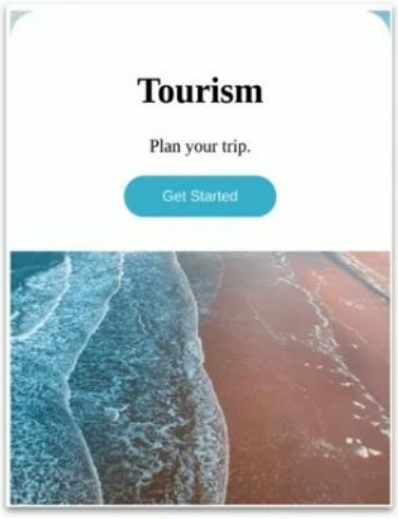
```css
.card {
  text-align: center;
  background-color: white;
  padding: 5px;
}
```



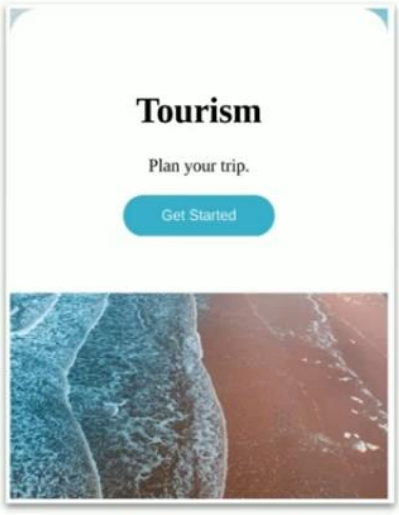
CSS Box Properties

Padding

padding: 5px;



padding: 30px;

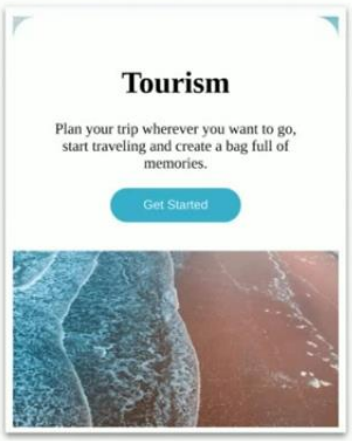


padding: 50px;

CSS Box Properties

Padding

```
padding: 5px;
```

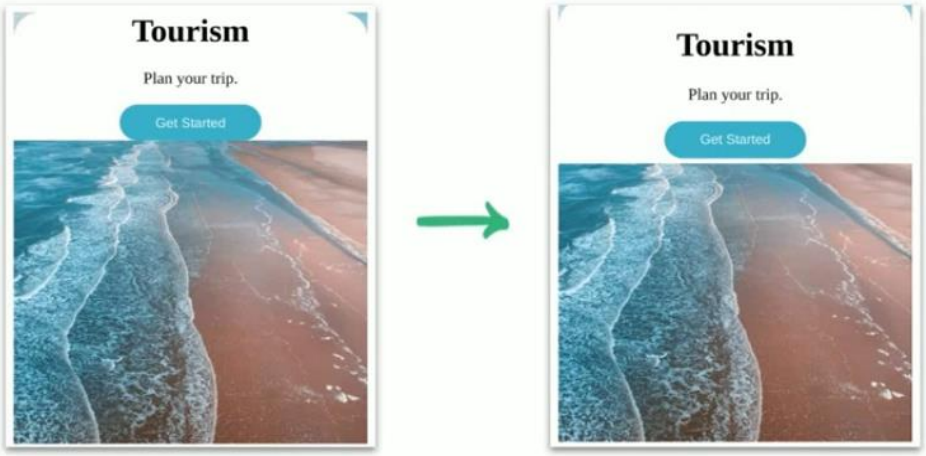



```
padding: 30px;
```

```
padding: 50px;
```

Card Styles

Applying Padding to Card



Key Takeaways

- Box Properties
  - Border
    - border-width
    - border-radius
  - Padding
- Color Representation
- Styling a Button
- Styling a Card

HTML Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>Document</title>
   <link rel="stylesheet" href="./class5.css">
</head>
<body>
   <div class="bg-container">
      <div class="card">
         <h1>Tourism</h1>
         <!--<p>plan to trip</p>-->
         <p>plan your trip where you want to go, start travelling and
            create a bag full of memories.</p>
         <button class="button">Get Started</button>

      </div>

   </div>
</body>
</html>
```

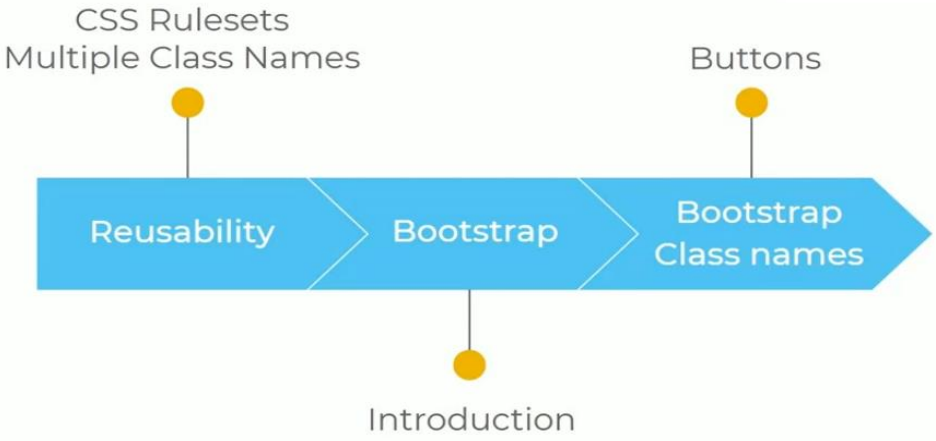
CSS Code:

```
@import
url('https://fonts.googleapis.com/css2?family=Bree+Serif&family=Caveat:wght@400;
700&family=Lobster&family=Monoton&family=Open+Sans:ital,wght@0,400;0,700;1,
400;1,700&family=Playfair+Display+SC:ital,wght@0,400;0,700;1,700&family=Playfair
```

```
+Display:ital,wght@0,400;0,700;1,700&family=Roboto:ital,wght@0,400;0,700;1,400;1,700&family=Source+Sans+Pro:ital,wght@0,400;0,700;1,700&family=Work+Sans:ital,wght@0,400;0,700;1,700&display=swap');

.bg-container

{

Backgroundimage:url("https://encryptedtbn0.gstatic.com/images?q=tbn:ANd9GcQqCLv_aafvkWQo91m9wQDxTY2-fd9Mx2qz5g&s");

   height: 85vh;

   width: 50vw;

   background-size: cover;

}

.card

{

   background-color: white;

   text-align: center;

   border-top-left-radius:25px ;

   border-top-right-radius:25px ;

   padding: 50px;

}

.button

{

   height: 36px;

   width: 136px;

   /*background-color: blue;*/

   background-color: #25b1cc;

   color: white;

   font-weight: bold;

   border-radius: 25px;

   border-width: 0px;

}
```

Agenda

Introduction to Bootstrap



Reusability

Reusing the CSS Ruleset

HTML

```
<button class="button">
  Get Started
</button>
<button class="button">
  Visit Now
</button>
```

CSS

```
.button {
  height: 36px;
  width: 138px;
  border-width: 0px;
  border-radius: 10px;
}
```

Get Started Visit Now

Reusability

Reusing the Code Snippets

Benefits

- Efficiency
  - Fast
  - Low Cost
- Consistency
- Easier Testing

and many more...

How to apply different colors to the buttons?

Syntax

Providing Multiple Names to the Class Attribute Value

We can provide **multiple names** to the Class Attribute value

```
<tag class="name1 name2 name3 name4 ...">
```

Attribute Value

In general, we call these names as **class names**

Providing Multiple Names to the Class Attribute Value

Example

HTML

```
<button class="button button-green">
  Get Started
</button>
```

Get Started

CSS

```
.button {
  height: 36px;
  width: 138px;
  border-width: 0px;
  border-radius: 10px;
}
.button-green {
  background-color: #8cc63f;
}
```

Reusability

Providing Multiple Names to the Class Attribute value

HTML

```
<button class="button button-green">
  Get Started
</button>
<button class="button button-orange">
  Visit Now
</button>
```

CSS

```
.button-green {
  background-color: #8cc63f;
}

.button-orange {
  background-color: #f7931e;
}
```