



WELCOME

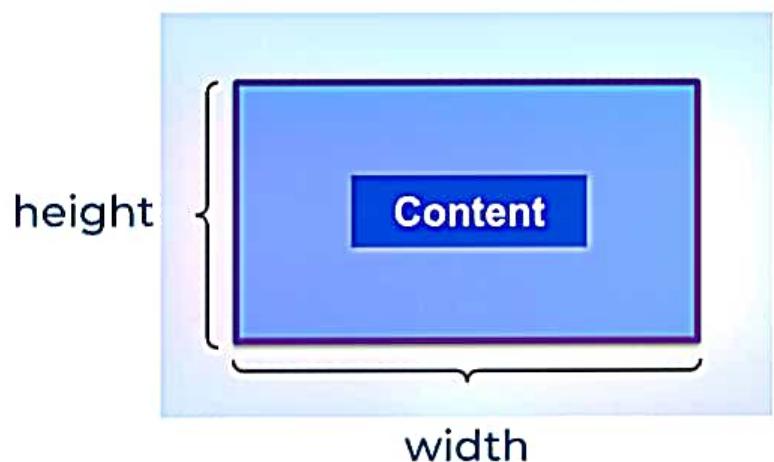


Introduction to CSS Box Model Part 2

Recap

Introduction to CSS Box Model

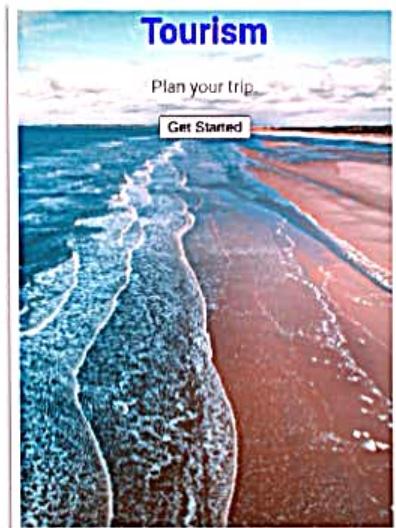
- ✓ Introduction to Box Model
- ✓ Box Properties
 - height
 - width



Recap

Backgrounds

- ✓ Backgrounds
 - background-image
 - background-size
- ✓ Viewport
 - Viewport Height(vh)
 - Viewport Width(vw)



Agenda

Introduction to CSS Box Model | Part 2

Adding Background Image
to the Background Container



Backgrounds

Styling a Card

Box Properties

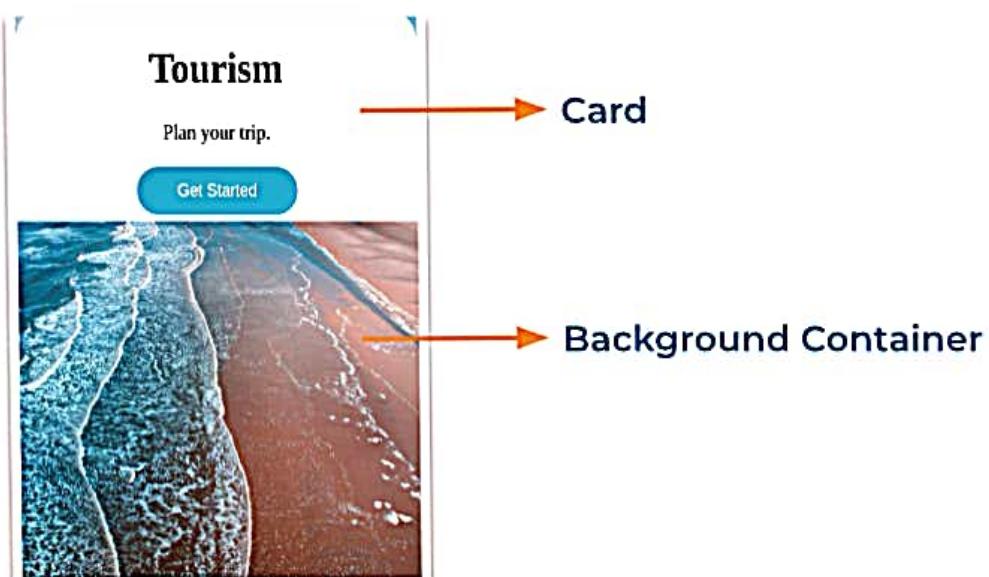
Border
Padding



Styling a Button
Adding Spaces

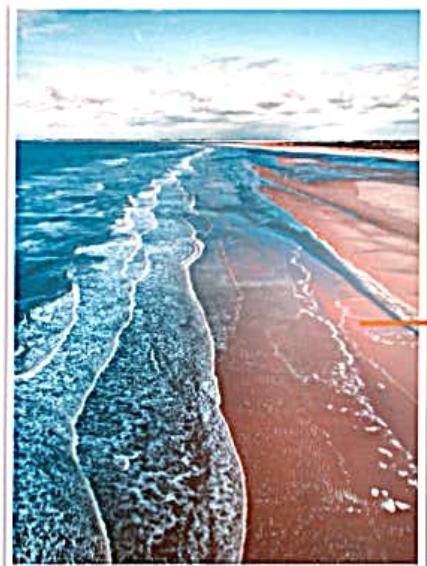
Agenda

What we are going to achieve



Backgrounds

Background Image



→ Background Container

Backgrounds

Adding Background Image to a Container

HTML

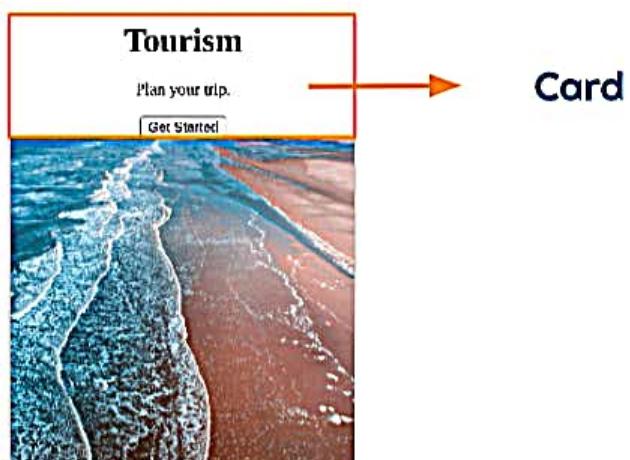
```
<body>
  <div class="bg-container">
  </div>
</body>
```

CSS

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

Backgrounds

Adding Background Color to the Card



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

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Button Styles

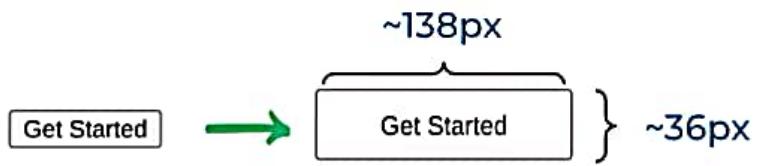
Adding Height & Width to the Button

HTML

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

CSS

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





Let's Add Background Color to the Button

Get Started



Get Started

Color Representation

Color Names

Color Name

orange



red



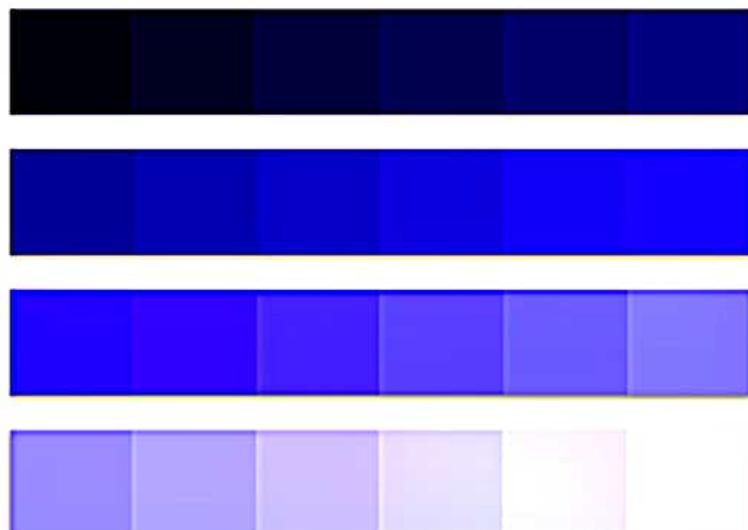
blue



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

#020028	#04003b	#080051	#0b0c65	#121078	#14158d
#1900a0	#1f00b6	#2300c8	#2800dd	#2c00f2	#2f00fd
#3900fd	#4511fc	#5336fc	#6651fc	#7668fc	#8a7efd
#9c94fd	#b0aafd	#c4c0ff	#d0d0e0		

css

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

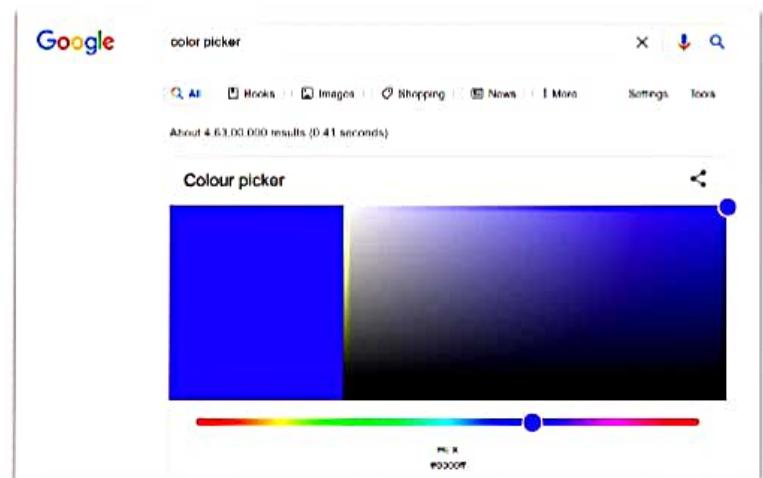
Color picker

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**

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Colors

Values

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

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

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

Color Name	Hex Code
orange	#ffa500
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orange	#ffa500
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	#25b1cc

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

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

Button Styles

Adding Background Color to the Button

CSS

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

Get Started

Get Started

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Button Styles

Adding Color to the Button Text

CSS

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

Get Started

Get Started



How Can We Get Rounded Corners for the Button?

Get Started

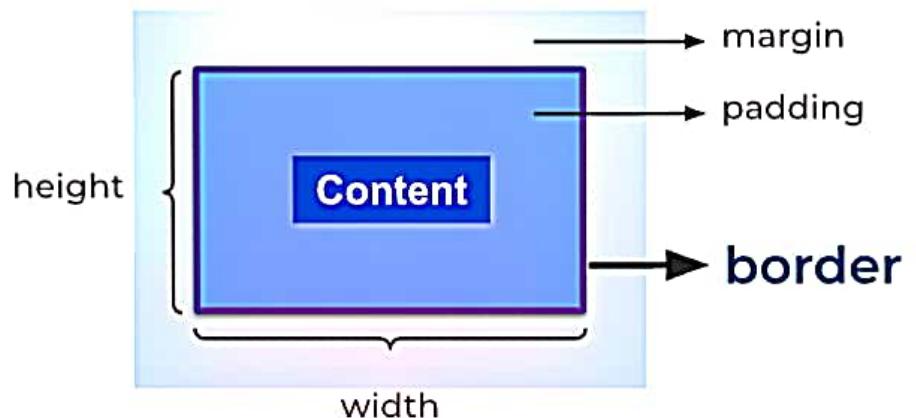
Get Started

CSS Box Model

Properties

Each rectangular box has different properties

- height
- width
- border
- padding
- margin

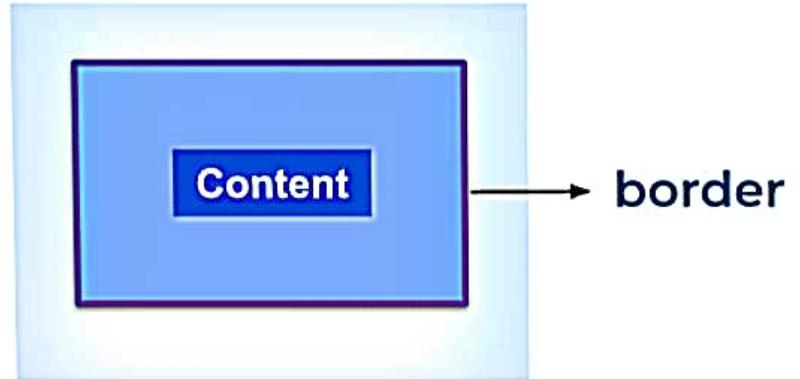


CSS Box Model

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

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

Get Started

Get Started

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How to Achieve the Button without a Border?

Get Started

Get Started

Border

Border Width

Get Started

`border-width: 0px;`

Get Started

`border-width: 2px;`

Get Started

`border-width: 4px;`

Get Started

`border-width: 6px;`

Button Styles

Removing Border from the Button

css

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

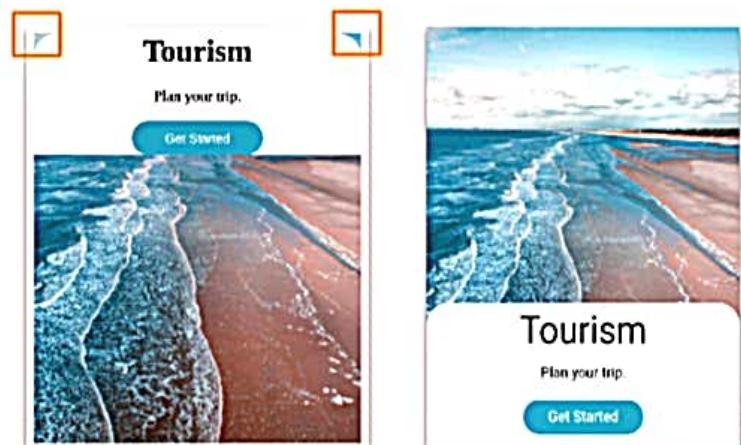
Get Started

Get Started

By default, HTML Buttons come with borders in the browsers

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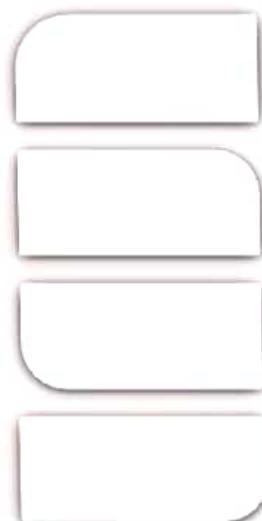
How to get Rounded Corners for the Card?



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Border

Border Radius to Corners



`border-top-left-radius: 25px;`

`border-top-right-radius: 25px;`

`border-bottom-left-radius: 25px;`

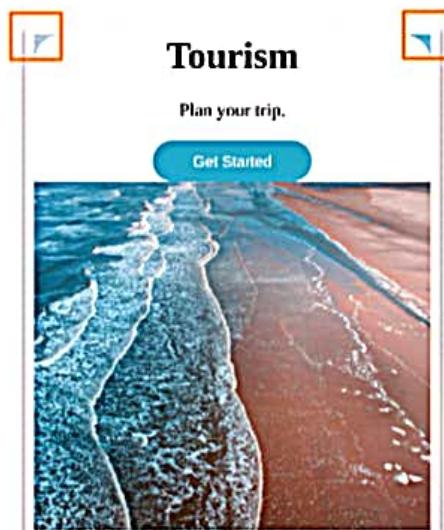
`border-bottom-right-radius: 25px;`

Card Styles

Getting Rounded Corners for the Card

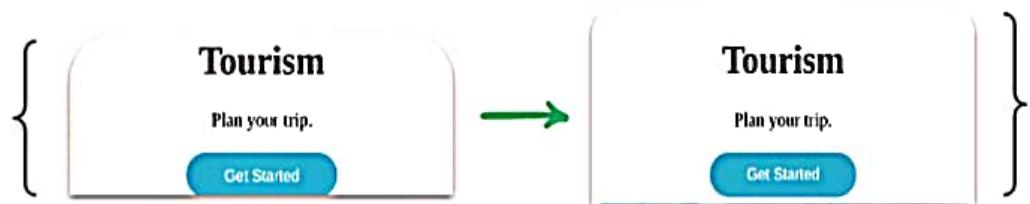
CSS

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



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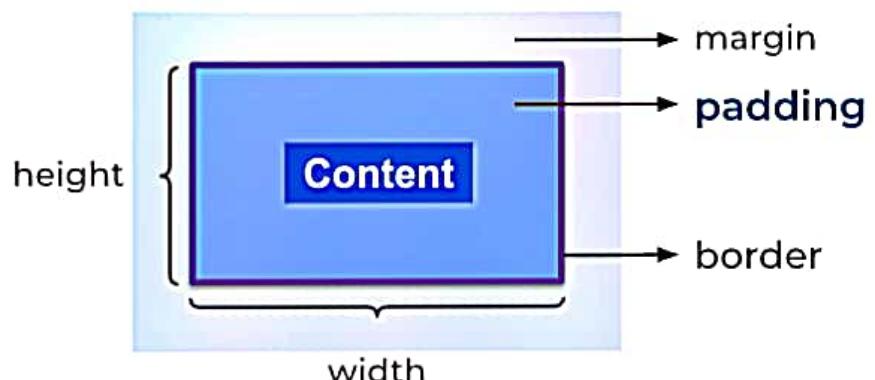
How to get Spacing inside the Card?



CSS Box Properties

Padding

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

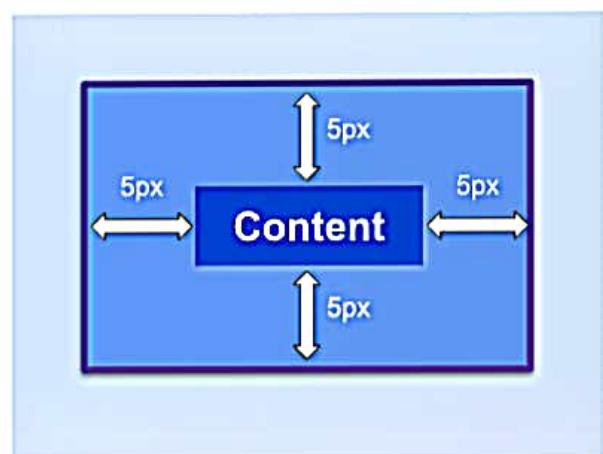


Card Styles

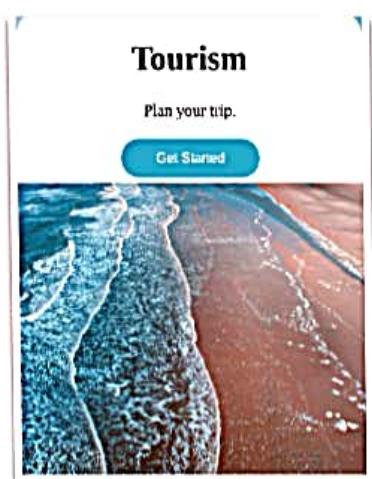
Applying Padding to Card

CSS

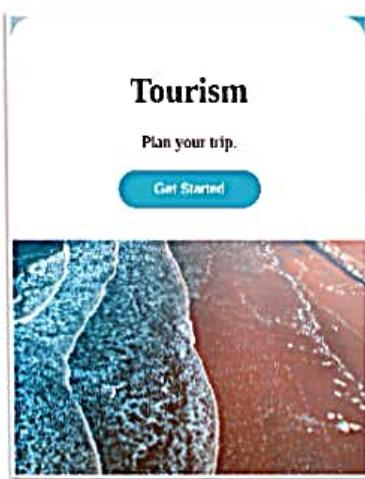
```
.card {  
    text-align: center;  
    background-color: white;  
    padding: 5px;  
}
```



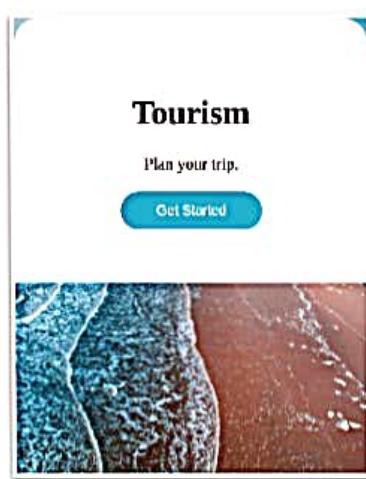
CSS Box Properties Padding



`padding: 5px;`



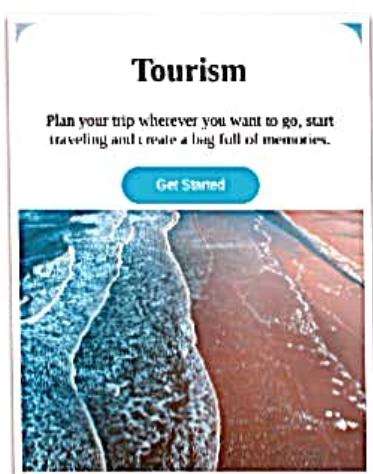
`padding: 30px;`



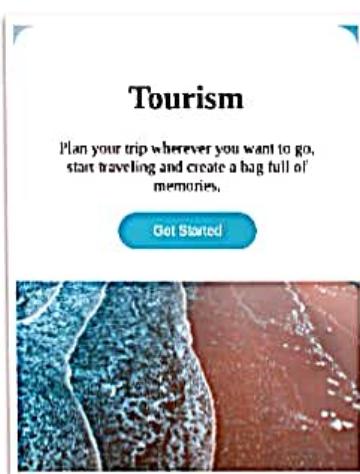
`padding: 50px;`

CSS Box Properties

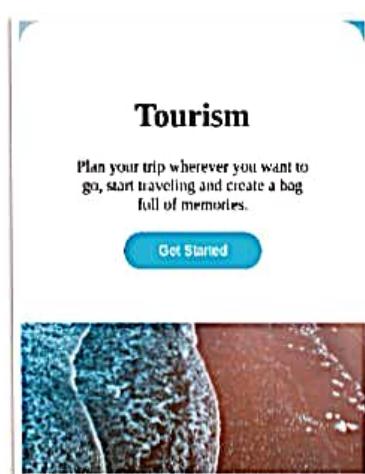
Padding



`padding: 5px;`



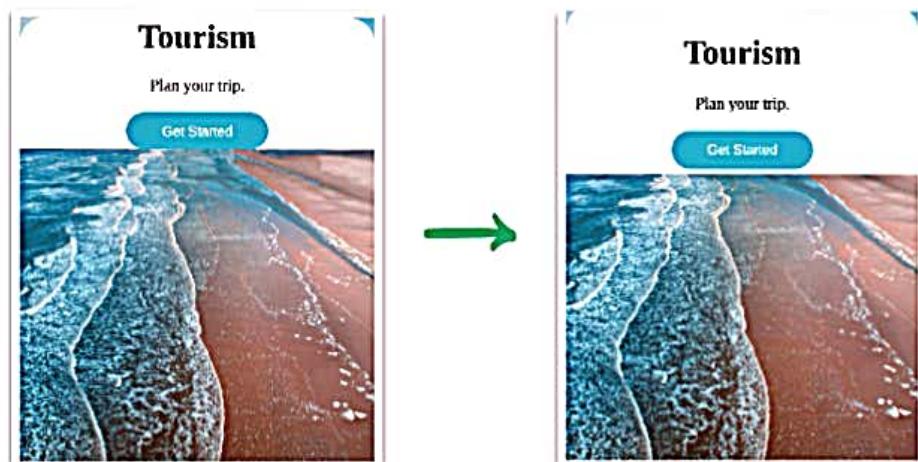
`padding: 30px;`



`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



Coding Practices



Coding Practices

Practice Hands-on Coding Regularly

- Reach out in Discussions Portal for any queries



Next Session

Aligning Card to the bottom using Bootstrap



Next Session
Introduction to Bootstrap



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THANK YOU

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ALL THE BEST

