



**NXT**  
**WAVE**

**WELCOME**



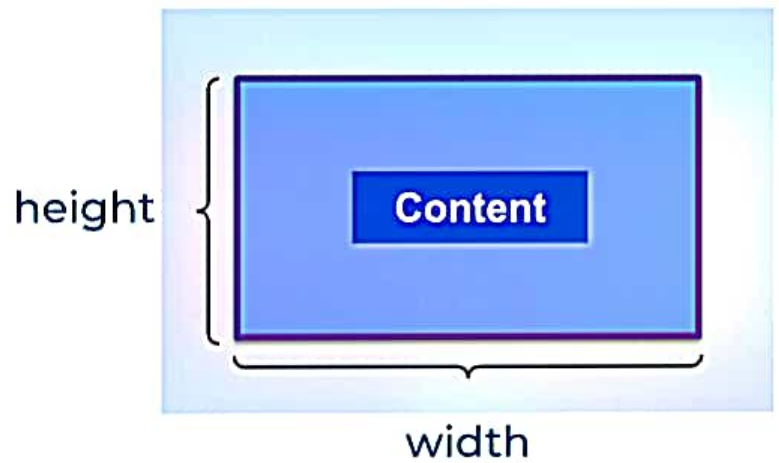


## Introduction to CSS Box Model Part 2

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)

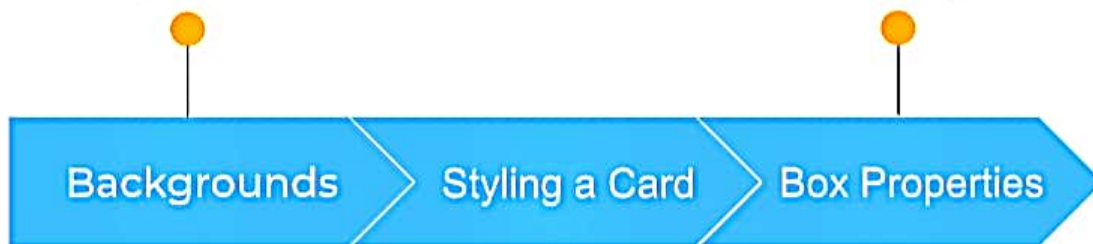


## Agenda

# Introduction to CSS Box Model | Part 2

Adding Background Image  
to the Background Container

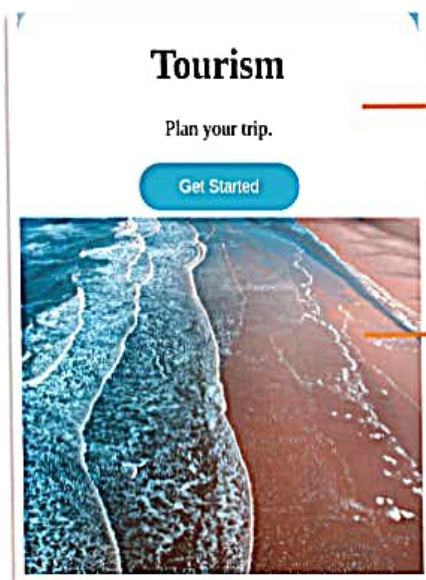
Border  
Padding



Styling a Button  
Adding Spaces

Agenda

## What we are going to achieve

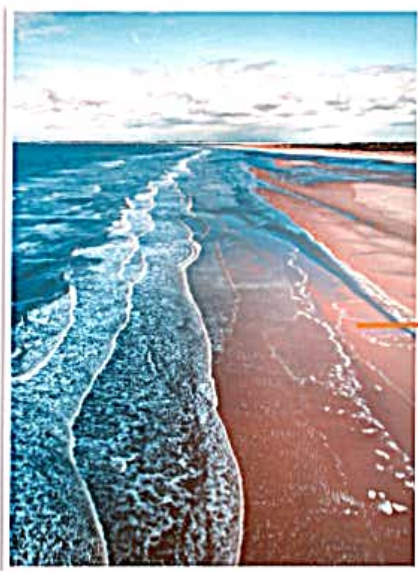


Card

Background Container

Backgrounds

## Background Image



Background Container

## Backgrounds

# Adding Background Image to a Container

HTML

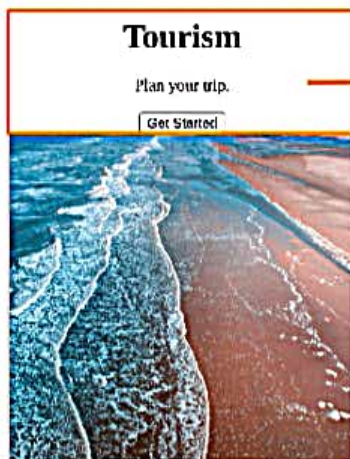
```
<body>
  <div class="bg-container">
  </div>
</body>
```

CSS

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

Backgrounds

## Adding Background Color to the Card



Card

## 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;  
}
```

Get Started



~138px

Get Started

} ~36px

## Let's Add Background Color to the Button



Color Representation

# Color Names

## Color Name

---

orange



red



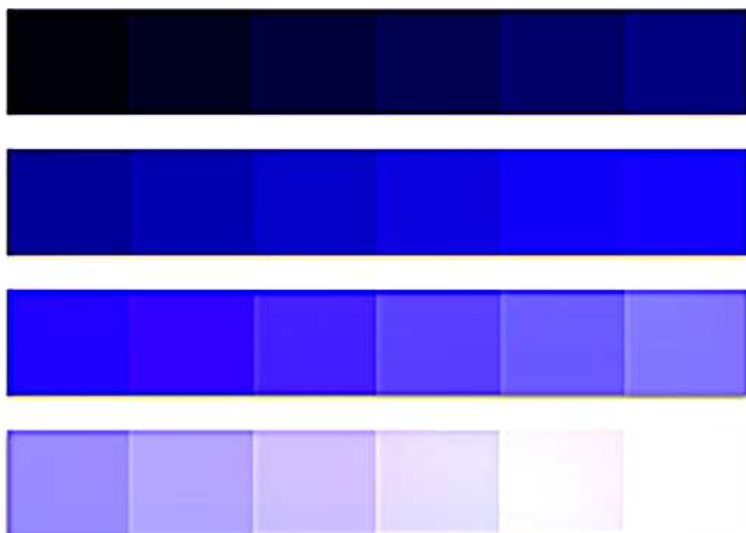
blue



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	#d6d5ff		

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	<div></div>
red	#ff0000	<div></div>
blue	#0000ff	<div></div>
green	#008000	<div></div>
	#012d36	<div></div>
	#25b1cc	<div></div>

## Button Styles

# Adding Background Color to the Button

CSS

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

Get Started



Get Started

## Button Styles

# Adding Color to the Button Text

CSS

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

Get Started



Get Started

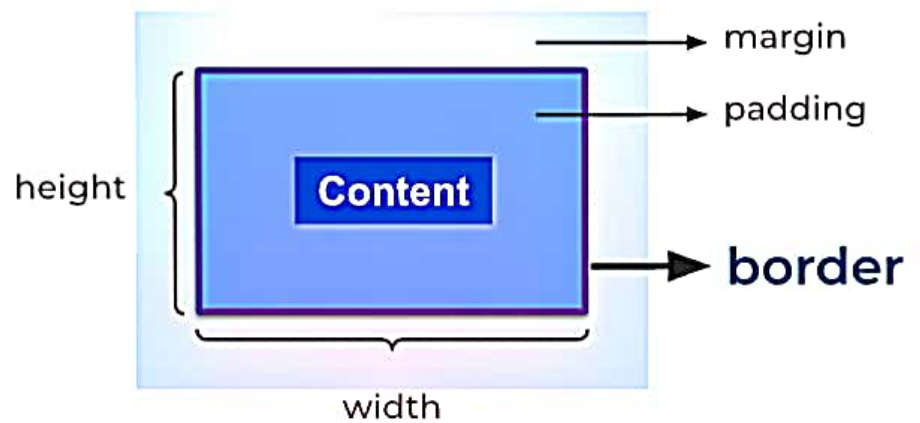
## How Can We Get Rounded Corners for the Button?



## Properties

Each rectangular **box** has different properties

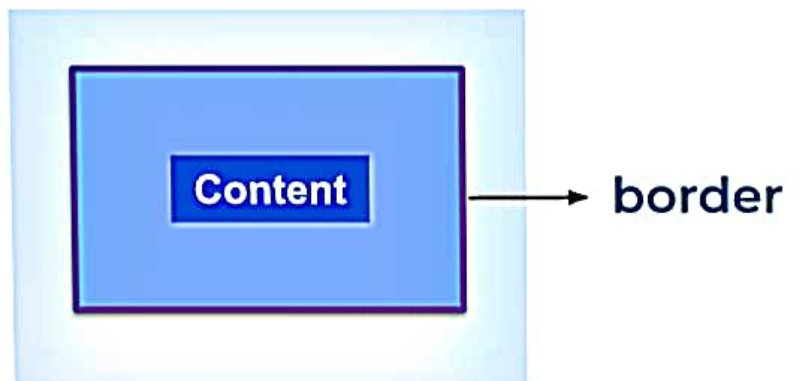
- height
- width
- border
- padding
- margin



## 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

## How to Achieve the Button without a Border?



Border

## Border Width

Get Started

`border-width: 0px;`

Get Started

`border-width: 2px;`

Get Started

`border-width: 4px;`

Get Started

`border-width: 6px;`

## Removing Border from the Button

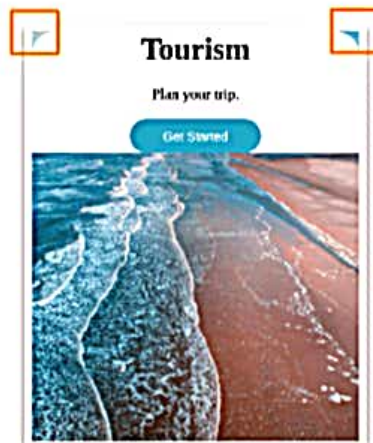
CSS

```
.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;`



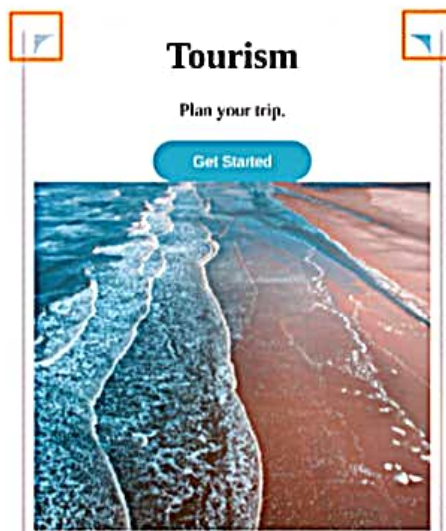
`border-bottom-right-radius: 25px;`

## Card Styles

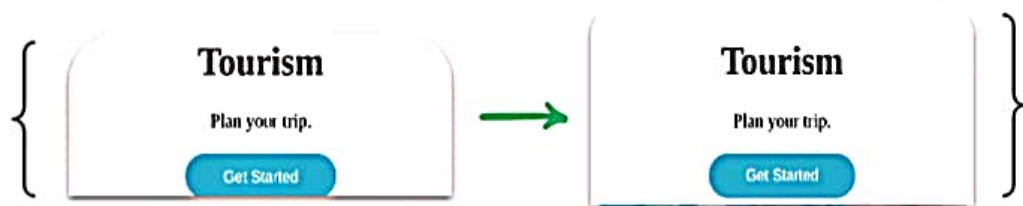
# Getting Rounded Corners for the Card

CSS

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



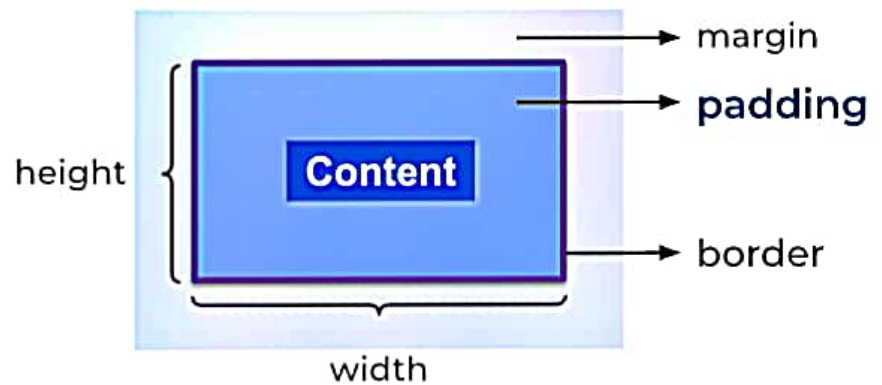
## How to get Spacing inside the Card?



## CSS Box Properties

# Padding

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

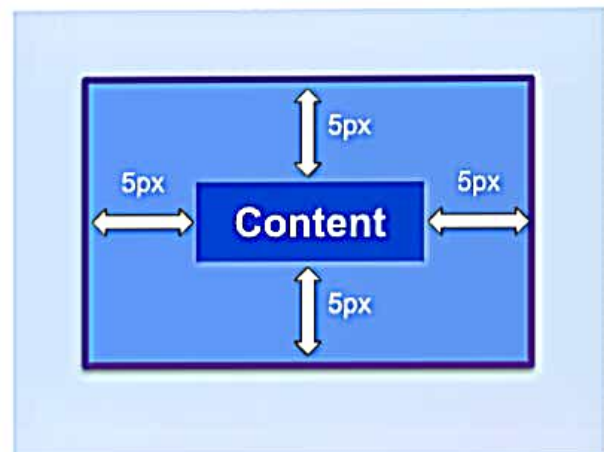


## Card Styles

# Applying Padding to Card

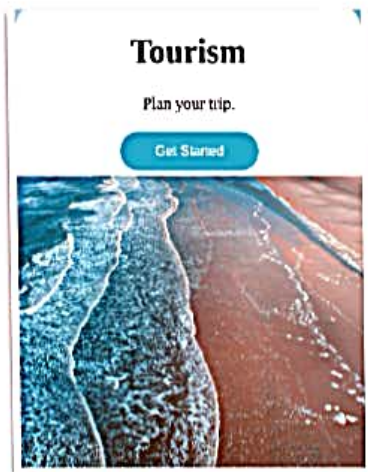
CSS

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



CSS Box Properties

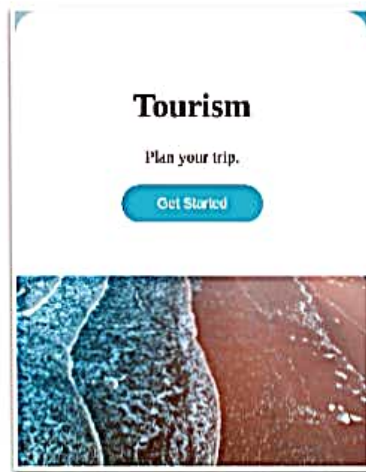
## Padding



`padding: 5px;`



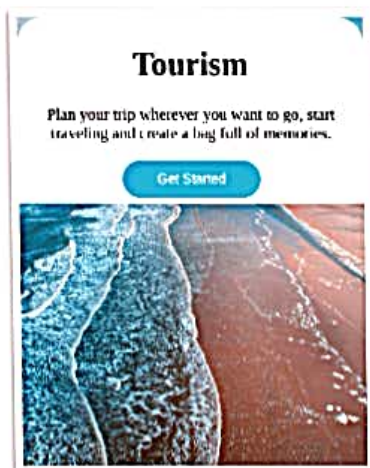
`padding: 30px;`



`padding: 50px;`

## CSS Box Properties

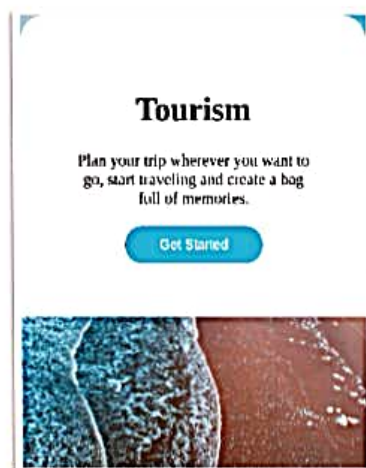
# Padding



**padding: 5px;**



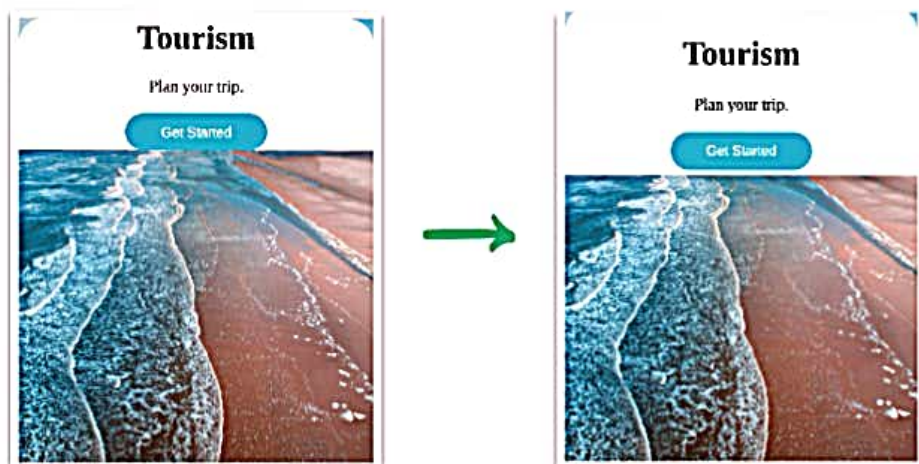
**padding: 30px;**



**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**

