

Now, let's look at more ways to  
style your text!

**TOURISM**

**TOURISM**

**TOURISM**

TOURISM

~~TOURISM~~

TOURISM

Font

Font Family

**TOURISM**

`font-family: "Roboto";`

*TOURISM*

`font-family: "Caveat";`

**TOURISM**

`font-family: "Monoton";`

**TOURISM**

`font-family: "Lobster";`

Font Family Names

"Roboto"

**Tourism**

"Caveat"

*Tourism*

"Lobster"

**Tourism**

"Bree Serif"

**Tourism**

"Playfair Display"

**Tourism**

"Monoton"

**TOURISM**

"Playfair Display SC"

**TOURISM**

Font

## Font Size

TOURISM

`font-size: 14px;`

TOURISM

`font-size: 22px;`

TOURISM

`font-size: 28px;`

TOURISM

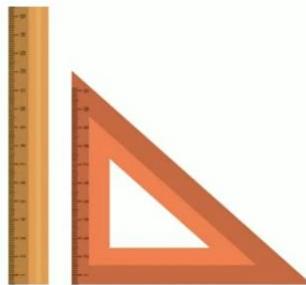
`font-size: 40px;`

Font Size

## Pixel - A Unit of Measurement

Measuring length

Unit - Meters, Centimeters



377143

Measuring font size

Unit - pixels (px)



Font

## Font Style

TOURISM

`font-style: normal;`

*TOURISM*

`font-style: italic;`

Font

## Font Weight

TOURISM

`font-weight: normal;`

TOURISM

`font-weight: bold;`

Font

## Text Decoration

TOURISM

`text-decoration: underline;`

TOURISM

`text-decoration: overline;`

~~TOURISM~~

`text-decoration: line-through;`

CSS Ruleset - Font

## Applying all Font Properties

```
.main-heading {  
    color: blue;  
    font-family: "Roboto";  
    font-size: 36px;  
    font-style: italic;  
    font-weight: bold;  
    text-decoration: underline;  
}
```

**TOURISM**

## 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=".class4.css">

</head>

<body>

    <h1 class="main_heading">Tourism</h1>

</body>

</html>
```

## CSS Code

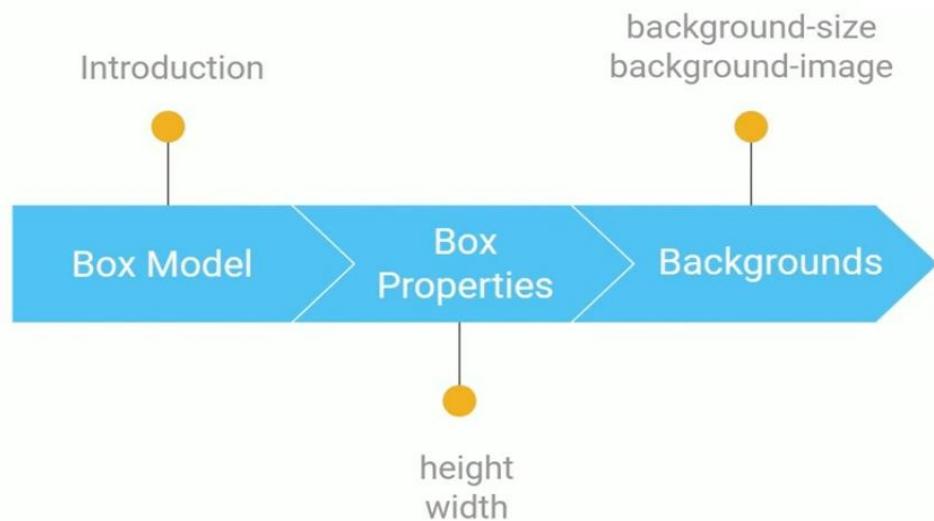
```
.main_heading

{
    color: red;
    font-family: Roboto;
    font-size: 50px;
    font-weight: bold;
    text-align: center;
    font-style: italic;
    text-decoration: underline;
}
```

# CSS Box Model

Agenda

## Introduction to CSS Box Model



Today's Agenda

## What we are going to achieve



## Introduction to CSS Box Model



## CSS Box model

Every HTML element on a web page is a rectangular box.



Introduction

## CSS Box model

If we want curved corners,  
we use CSS



**Tech Foundations**

- Introduction to C programming
- Data Structures in C
- Python & OOP Concepts
- Working with Command Line
- Fundamentals of Computer Science

and more...

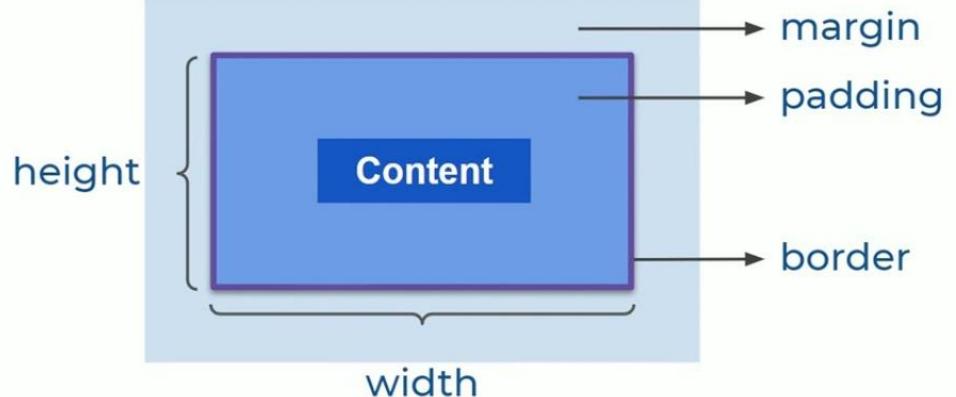
[View Curriculum >](#)

CSS Box Model

## Box Properties

Each rectangular box has different properties:

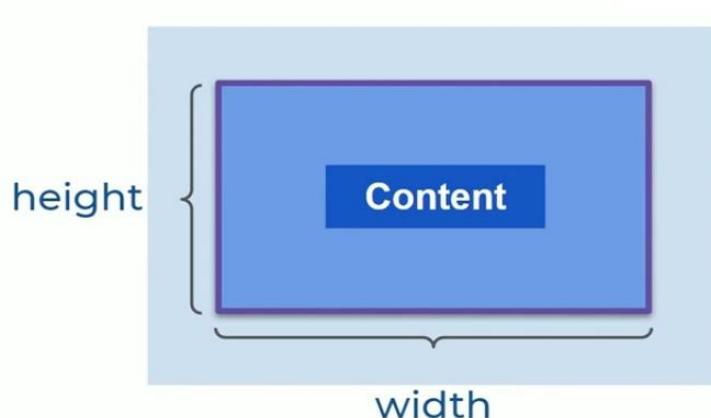
- height
- width
- margin
- border
- padding



## Height & Width Properties

Let's see

- **height**
- **width**



CSS Ruleset

### Height

```
.card {  
    background-color: lightblue;  
    text-align: center;  
    height: 250px;  
}
```

CSS Ruleset

### Width

```
.card {  
    background-color: lightblue;  
    text-align: center;  
    height: 250px;  
    width: 250px;  
}
```

## Applying Width to Container Element (div)

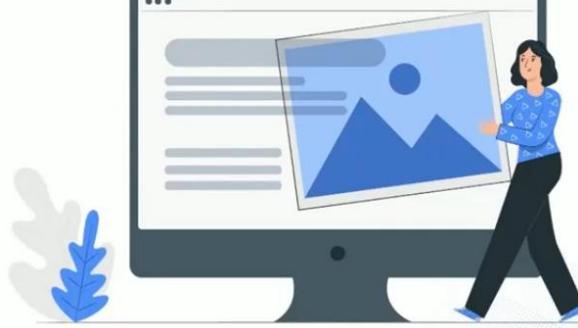


Applying Width to Container Element (div)

## Output of the Code Snippet



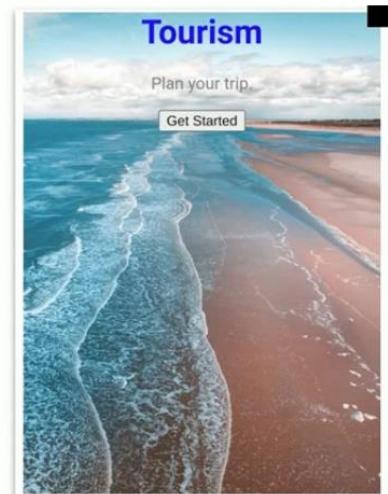
## Background Image



Styling

## Background Image

Let's add  
Background Image  
instead of  
Background Color



Styling

## Removing Background Color of Container

```
.card {  
background-color: lightblue;  
text-align: center;  
height: 250px;  
width: 250px;  
}  
  
.card {  
text-align: center;  
height: 250px;  
width: 250px;  
}
```

→

CSS Syntax

## Adding Background Image

```
.card {  
background-image: url("IMAGE URL");
```



## Adding Background Image URL

```
.card {  
  background-image: url("https://d1tgh8fmlzexmh.cloudfront.net/ccbp-static-website/ocean.jpg");  
}  
...  
PROPERTY  
VALUE
```

How to make the background image  
fill the complete height and width  
of the screen?



## Backgrounds

## Devices with Various Screen Dimensions



Backgrounds

## Viewport

The browser's viewport is the area of the window in which web content can be seen.



Backgrounds

## Viewport Height

Viewport Height is based on the height of the user's visible area of a web page (viewport).



Backgrounds

## Viewport Height (vh)



**50vh = 50%** of the viewport height

**100vh = 100%** of the viewport height



Backgrounds

## Viewport Width (vw)



**50vw = 50%** of the viewport width

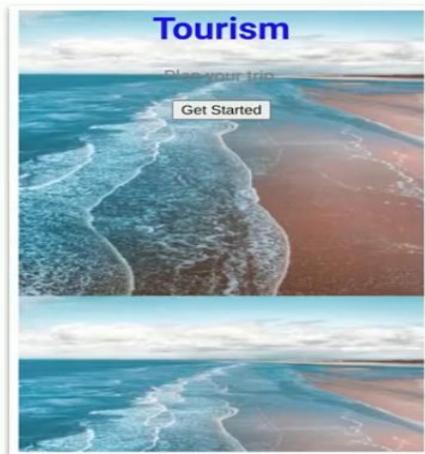


**100vw = 100%** of the viewport width

Backgrounds

## Repeating Vertically

Image is small  
So, background image  
is repeating vertically



Backgrounds

## Repeating Vertically

Image is small  
So, background image  
is repeating vertically



Backgrounds

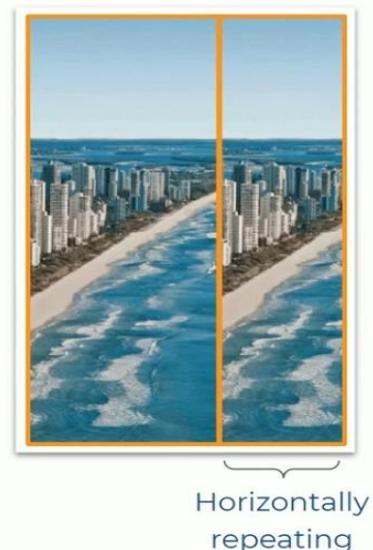
## Repeating Vertically



Backgrounds

## Repeating Horizontally

In some devices  
background image  
may repeat horizontally



Backgrounds

## How to address these issues?



## Background Size

```
.card {  
  background-size: cover;
```



Background

## Applying Background Size

```
.card {  
  background-image: url("https://d1tgh8fmlzexmh.cloudfront.net/ccbp-static-website/ocean.jpg");  
  text-align: center;  
  height: 100vh;  
  background-size: cover;  
}
```

## Key Takeaways

- Introduction to Box Model
- Box Properties
  - height
  - width
- Backgrounds
  - background-image
  - background-size



## 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=".//class4.css">

</head>

<body>

    <!--<h1 class="main_heading">Tourism</h1>-->

    <div class="card">

        <h1>Tourism</h1>

        <p>Plan to where do you want to go</p>

        <button>Get Started</button>

    </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@0,4
00;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');

.main_heading
{
    color: red;
    font-family: Roboto;
    font-size: 50px;
    font-weight: bold;
    text-align: center;
    font-style: italic;
    text-decoration: underline;
}

.card
{
    /*background-color: lightblue;*/
    text-align: center;
    height: 250px;
    /*height:100vh;*/
    width: 600px;
    /*width: 100vw;*/
    background-image:
    url("https://media.istockphoto.com/id/1450094329/photo/colorful-sunset-
viewed-from-the-pink-sea-beach-with-soft-
```

waves.jpg?s=612x612&w=0&k=20&c=\_Eb1qwBuf2-D7wl5-jzwkHm5TwTzD5JYl5WxpM3nILM=");

/\*background-size: cover;\*/

}