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WELCOME





Introduction to CSS

Recap

Introduction to HTML

- ✓ HTML Element `<tag> Content </tag>`
 - In place of Content, we can place other HTML Element(s), and so on
- ✓ HTML Elements
 - Main Heading `<h1>`
 - Paragraph `<p>`
 - Button `<button>`



Compatibility

< 1% of you may face an issue

99%+ of you won't face any issues

If at all you face an issue, it will be
because of **device** and **software**
compatibility

Be up to date with software versions



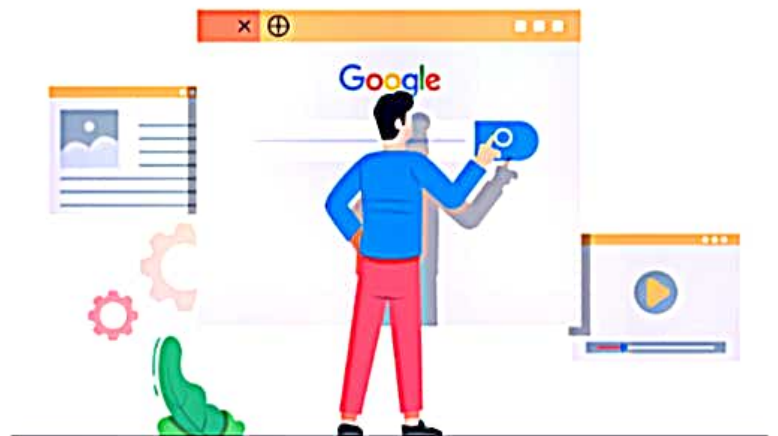


Compatibility

Google Chrome is Must

~ 86.9 %

Browser Market Share in India

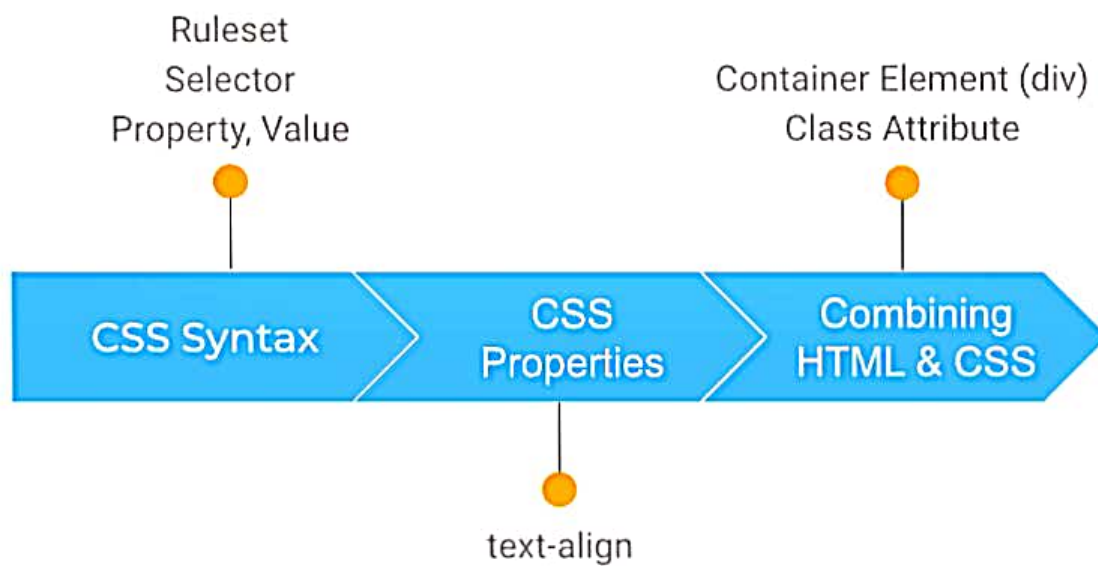


Source: [gs.statcounter](https://gs.statcounter.com)

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Agenda

Introduction to CSS



How to Center the Heading, Paragraph, & Button Elements Horizontally?



Example - Tourism Website

Parts of The Section



Syntax

CSS - Cascading Style Sheets

A CSS File will be created.

It is a list of **RuleSets**.

Each Ruleset looks like:

Ruleset {

```
selector {  
    property1: value1;  
    property2: value2;  
}
```

Syntax

Selector - Name

First, decide a **suitable name** for the selector and use it

Ex: h-center

horizontal-center

horizontal

center

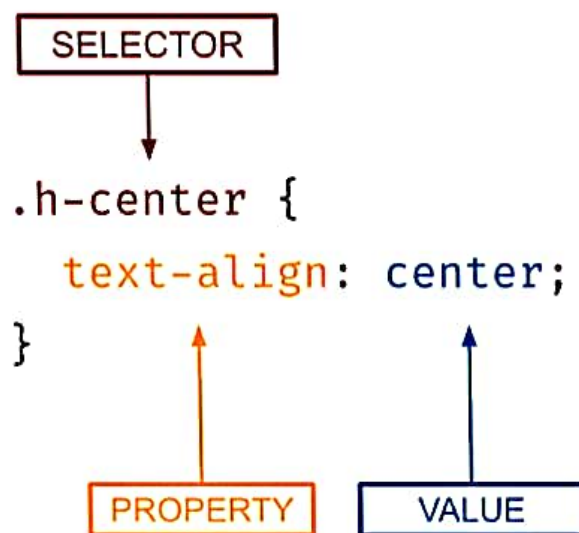
horizontal_center

HorizontalCenter, etc.



Syntax

CSS Ruleset - To Center Elements



Syntax

Combining HTML & CSS

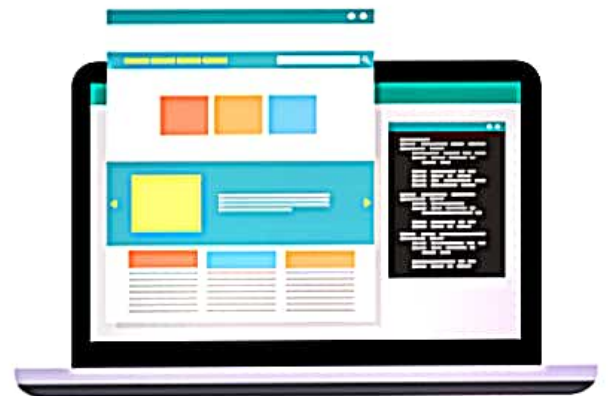
HTML

```
<body>
  <h1>Tourism</h1>
  ...
</body>
```

CSS

```
.h-center {
  text-align: center;
}
```

With the help of **Attribute**,
we can combine HTML and CSS



HTML

Attribute

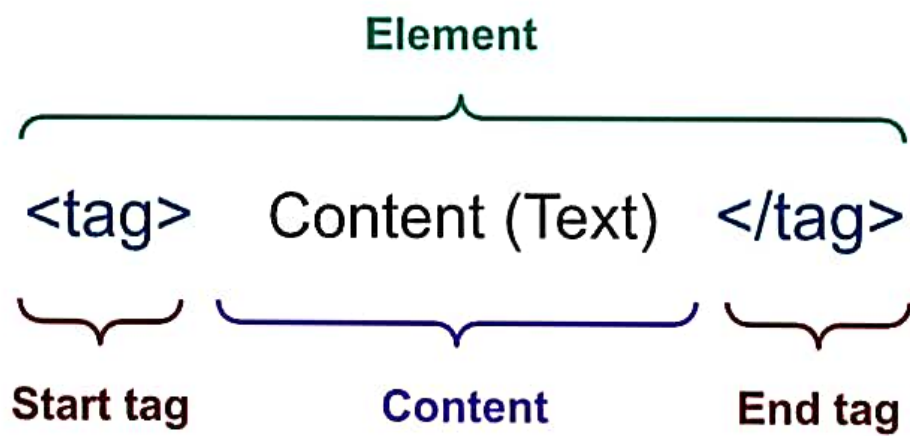
Attributes provide **additional information** about the HTML element

Ex: Color, Text Size, Shape, Underlines, etc.



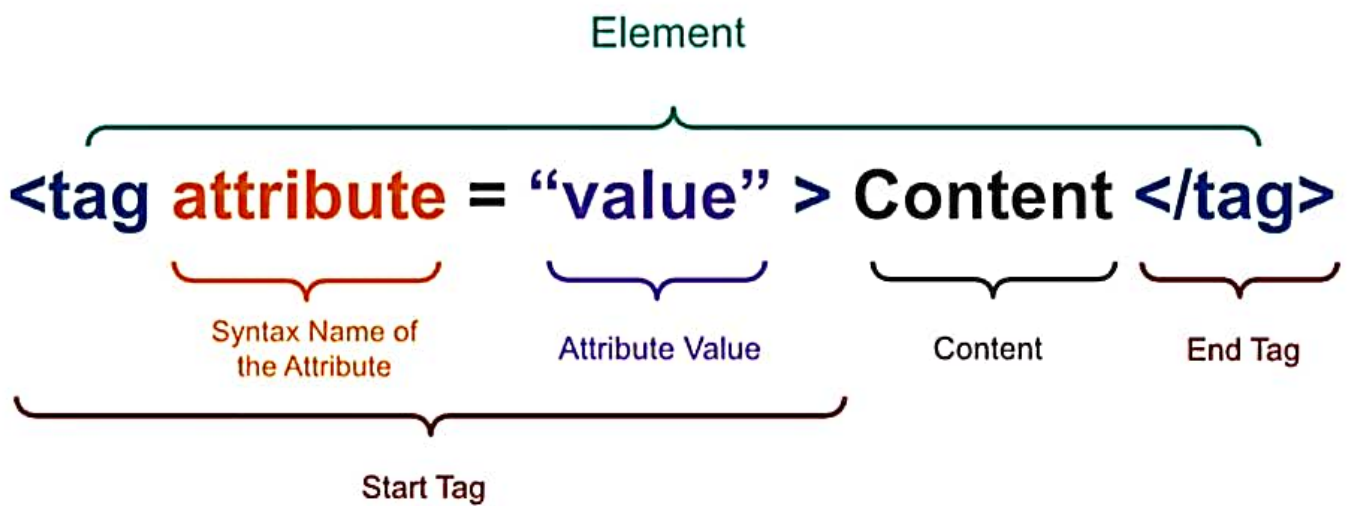
Syntax

HTML Element



Syntax

HTML Attribute



Syntax

Attribute - In Each Element

Element - Main Heading

The diagram illustrates the syntax of an HTML element for a main heading. It shows the code `<h1> Tourism </h1>` with three parts identified by brackets: the start tag `<h1>`, the content `Tourism`, and the end tag `</h1>`. A green bracket above the entire code indicates it represents the 'Element - Main Heading'. Below the code, three brown brackets identify the individual components: 'Start tag' for `<h1>`, 'Content' for `Tourism`, and 'End Tag' for `</h1>`.

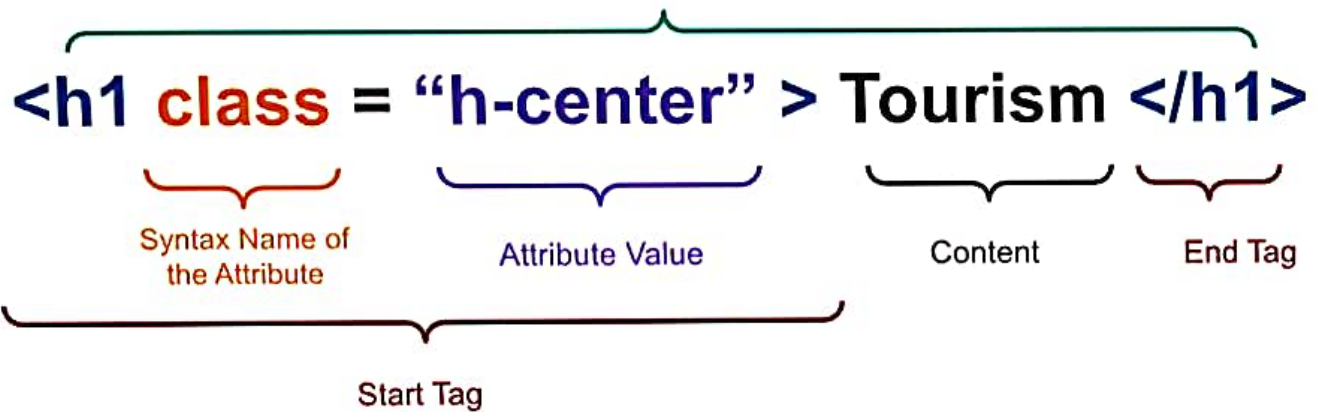
`<h1> Tourism </h1>`

Start tag Content End Tag

Syntax

Class Attribute - In Each Element

Element - Main Heading



Adjusting the Style

All The Elements At Once

Main Heading,
Paragraph & Button
- All at Once!

HTML

```
<body>  
  <h1>Tourism</h1>  
  <p>  
    Plan your trip wherever  
    you want to go  
  </p>  
  <button>Get Started</button>  
</body>
```

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Definition

Wrapping

Grouping all the
required elements
at one place

```
HTML
<body>
{
  <h1>Tourism</h1>
  <p>
    Plan your trip wherever
    you want to go
  </p>
  <button>Get Started</button>
}
</body>
```

Definition

Container

To wrap all the required elements at one place, we use **container element**

```
HTML
<body>
  <h1>Tourism</h1>
  <p>
    Plan your trip wherever
    you want to go
  </p>
  <button>Get Started</button>
</body>
```

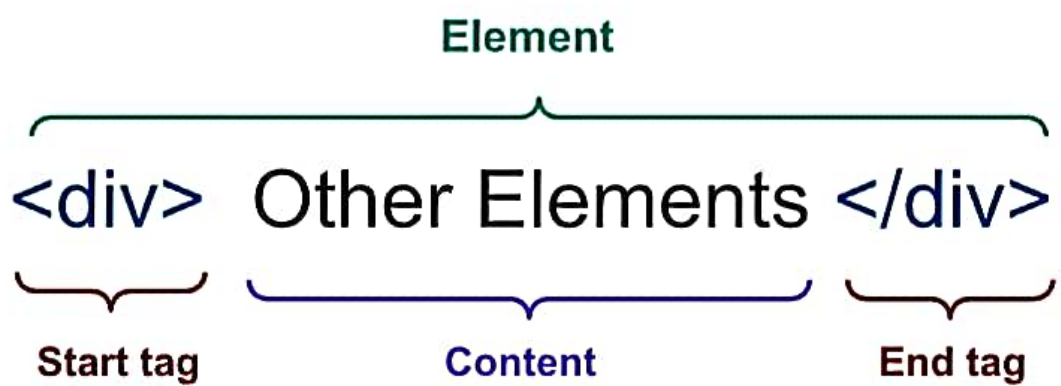
Real World Example

Container



Syntax

Container Element - div



HTML Element

Adding Div

HTML

```
<body>  
  <div>  
    <h1>Tourism</h1>  
    <p>  
      Plan your trip wherever  
      you want to go  
    </p>  
    <button>Get Started</button>  
  </div>  
</body>
```

Tourism

Plan your trip wherever you want to go

Get Started

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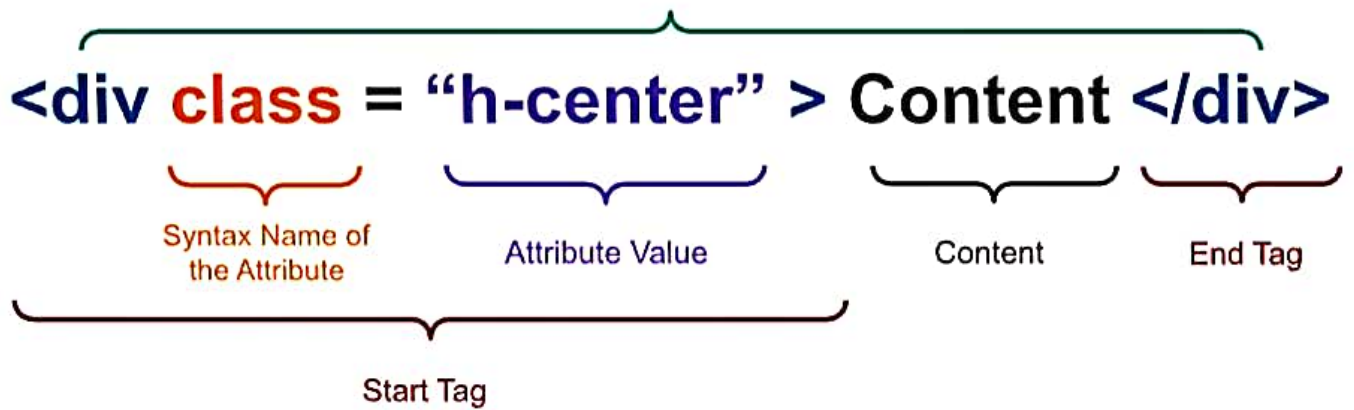
Let's use CSS
to Center the Elements
in the Container Horizontally



Syntax - Class Attribute

For All The Elements in The Container

Element



HTML Element

Adding Div

HTML

```
<body>  
  <div>  
    <h1>Tourism</h1>  
    <p>  
      Plan your trip wherever  
      you want to go  
    </p>  
    <button>Get Started</button>  
  </div>  
</body>
```

Standard Practices
**Indent

Tourism

Plan your trip wherever you want to go

Get Started

HTML Element

Adding Div

HTML

```
<body>  
  <div>  
    <h1>Tourism</h1>  
    <p>  
      Plan your trip wherever  
      you want to go  
    </p>  
    <button>Get Started</button>  
  </div>  
</body>
```

Standard Practices
**Indent

Tourism

Plan your trip wherever you want to go

Get Started

Alignment

Horizontal Center

HTML

```
<body>
  <div class="h-center">
    <h1>Tourism</h1>
    <p>
      Plan your trip wherever
      you want to go
    </p>
    <button>Get Started</button>
  </div>
</body>
```

* Refer

Tourism

Plan your trip wherever you want to go

Get Started

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Key Takeaways

- ✔ CSS Syntax
 - Ruleset
 - Selector
 - Property
 - Value
- ✔ Container Element (div)
- ✔ Combining HTML & CSS
 - Class Attribute





Next Session

Introduction to CSS (...Continued)

Working with Fonts, Font Sizes,
Text Color, Background Color

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THANK YOU

