

# Class and id

Cascading style sheets (CSS3)



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- Class and id





# Class

(Cascading Style Sheets 3)

# The class

- A CSS class contains property and value pair intended to be applied on element(s)
- Classes allows CSS and Javascript to select and access specific elements via the class selectors or functions like the DOM method
  - `document.getElementsByClassName`

# The class Attribute

- Class global attribute is a space-separated “list of classes”
- It specifies one or more class names for an element
- A class can be used on one or more HTML element(s)

# The class Attribute

- Class name is case sensitive
- Though, specification doesn't put requirements on the name of classes, it is recommended to use names that describe the semantic purpose of the element, rather than the presentation of the element
- Semantic names remain logical even if the presentation of the page changes

# The class Attribute

- Coding recommendations for class
  - Use small case letters for class names
  - No camelCase or under\_score names

# CSS Class and ID selectors

- A class selector is a name preceded by a full stop (".")
- An ID selector is a name preceded by a hash character ("#")

## **Syntax (class selector) :**

```
.class-name {  
    property: value;  
}
```

## **Syntax (ID selector) :**

```
#id-name {  
    property: value;  
}
```



# Class selector (Declaration)

```
<style>
.states-theme {
  background-color: pink;
  color: brown;
  margin: 20px 0 20px 0;
  padding: 20px;
}
</style>
```

# Class selector

## (Element specific)

```
<style>
```

```
div.states-theme {
```

```
    background-color: pink;
```

```
    color: brown;
```

```
    margin: 20px 0 20px 0;
```

```
    padding: 20px;
```

```
}
```

```
</style>
```

# Applying class selector

- Example

```
<div class="states-theme">
```

```
<h2>Karnataka</h2>
```

```
<p>Karnataka is a state in south western region of India. The capital and  
largest city is Bangalore (Bengaluru). Karnataka is bordered by the Arabian  
Sea.</p>
```

```
</div>
```

# Applying class selectors

- Example – using two class selectors

```
<p class = "brown-text pink-bg"> Karnataka is a state in south western region  
of India. The capital and largest city is Bangalore (Bengaluru). Karnataka is  
bordered by the Arabian Sea. </p>
```

# ID vs class

- An ID can be used to identify one element
- A class can be used to identify more than one elements
- Recommendation – use class selector

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*Thank  
you*