

# Display and Visibility

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# Sometimes we need to hide / show things

Do you know about birds? Hover over me to learn more!

*Introducing*

***The CSS Visibility Property***

The CSS visibility property allows us to hide and show elements

# Visibility Property

There are a few special values the visibility property can take on:

**visible** - the element is visible (default value)

**hidden** - the element is not visible, but still takes up space on the page

# Visibility Example

```
<p class="visible">First paragraph</p>  
<p class="visible">Second paragraph</p>  
<p class="visible">Third paragraph</p>
```

```
.visible {  
    visibility: visible;  
}  
  
.not-visible {  
    visibility: hidden;  
}
```

# Visibility Example

```
<p class="visible">First paragraph</p>  
<p class="visible">Second paragraph</p>  
<p class="visible">Third paragraph</p>
```

```
.visible {  
    visibility: visible;  
}  
  
.not-visible {  
    visibility: hidden;  
}
```

First paragraph

Second paragraph

Third paragraph

# Visibility Example

```
<p class="visible">First paragraph</p>
```

```
<p class="not-visible">Second paragraph</p>
```

```
<p class="visible">Third paragraph</p>
```

```
.visible {  
    visibility: visible;  
}  
  
.not-visible {  
    visibility: hidden;  
}
```

# Visibility Example

```
<p class="visible">First paragraph</p>
```

```
<p class="not-visible">Second paragraph</p>
```

```
<p class="visible">Third paragraph</p>
```

```
.visible {  
    visibility: visible;  
}
```

```
.not-visible {  
    visibility: hidden;  
}
```

First paragraph

Third paragraph



# How else can we hide elements?

`opacity`

`display`

*Introducing*

## ***The CSS Opacity Property***

The CSS opacity property lets us specify how transparent an element is

# Opacity Property

The opacity property takes a value between 0 and 1

0 - fully transparent, invisible

1 - fully opaque, fully visible

# Opacity Example

```
<p class="visible">First paragraph</p>
```

```
<p class="not-visible">Second paragraph</p>
```

```
<p class="half-visible">Third paragraph</p>
```

```
.visible {  
    opacity: 1;  
}  
.not-visible {  
    opacity: 0;  
}  
.half-visible {  
    opacity: 0.5;  
}
```

# Opacity Example

```
<p class="visible">First paragraph</p>
```

```
<p class="not-visible">Second paragraph</p>
```

```
<p class="half-visible">Third paragraph</p>
```

```
.visible {  
    opacity: 1;  
}
```

```
.not-visible {  
    opacity: 0;  
}
```

```
.half-visible {  
    opacity: 0.5;  
}
```

First paragraph

Third paragraph

*Introducing*

## ***The CSS Display Property***

The CSS display property lets us specify how an element is displayed

# Display Property

There are some special values the display property can have:

**none**

**inline**

**block**

Full list here: [https://www.w3schools.com/cssref/pr\\_class\\_display.asp](https://www.w3schools.com/cssref/pr_class_display.asp)

# Display Property

There are some special values the display property can have:

**none**

**inline**

**block**

**none** - the element is not displayed, and takes up no space. The page layout is not affected by the element

Full list here: [https://www.w3schools.com/cssref/pr\\_class\\_display.asp](https://www.w3schools.com/cssref/pr_class_display.asp)



# Display Property

There are some special values the display property can have:

**none**

**inline**

**block**

**inline** - the element is displayed in the same line as its surrounding elements

Full list here: [https://www.w3schools.com/cssref/pr\\_class\\_display.asp](https://www.w3schools.com/cssref/pr_class_display.asp)

# Display Property

There are some special values the display property can have:

**none**

**inline**

**block**

**block** - the element is displayed as its own block. It takes up as much space as possible and creates space before and after itself.

Full list here: [https://www.w3schools.com/cssref/pr\\_class\\_display.asp](https://www.w3schools.com/cssref/pr_class_display.asp)

# Display Example

```
<p class="block">First paragraph</p>
<p class="none">Second paragraph</p>
<p class="inline">Third paragraph</p>
<p class="inline">Fourth paragraph</p>
<p class="block">Fifth paragraph</p>
```

```
.block {
    display: block;
}
.none {
    display: none;
}
.inline {
    display: inline;
}
p {
    background-color: yellow;
}
```

# Display Example

```
<p class="block">First paragraph</p>
<p class="none">Second paragraph</p>
<p class="inline">Third paragraph</p>
<p class="inline">Fourth paragraph</p>
<p class="block">Fifth paragraph</p>
```

First paragraph

Third paragraph Fourth paragraph

Fifth paragraph

```
.block {
    display: block;
}
.none {
    display: none;
}
.inline {
    display: inline;
}
p {
    background-color: yellow;
}
```

**Let's look at some examples**

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