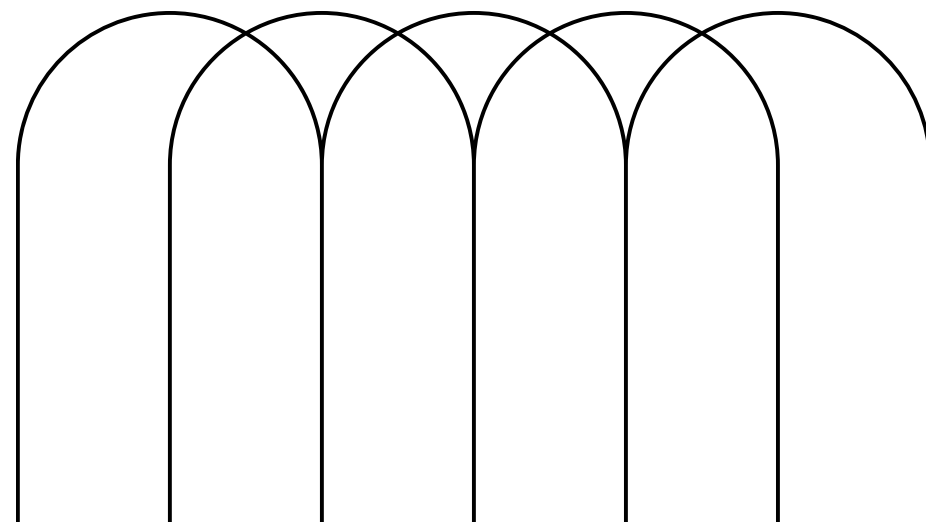


CSS Display Property



CSS Display

The CSS display property is one of the most fundamental and powerful properties in CSS. It defines how elements are displayed in the document flow, determining whether they are block-level, inline, flex, grid, or even hidden. Display is an important property to define layout of our page.

Block Elements

Block-level elements take up the full width of their container and start on a new line.

Example

```
.block-element {  
  display: block;  
}
```

Inline Elements

Inline elements do not start on a new line and only take up as much width as necessary.

Example

```
.inline-element {  
  display: inline;  
}
```

CSS Display

Inline-Block Elements

Inline-block elements behave like inline elements but allow setting width and height, which is not possible with purely inline elements

Example

```
.block-element {  
  display: inline-block;  
}
```

None (Hiding Elements)

Using display: none; completely removes an element from the document flow.

Example

```
.hidden-element {  
  display: none;  
}
```

CSS Display

Flexbox

Flexbox, short for Flexible Box Layout, is a CSS module designed to arrange elements efficiently in a one-dimensional layout, either as a row or a column. It provides powerful alignment and distribution capabilities, making it ideal for responsive design.

Flexbox consists of two primary components:

- **Flex Container** - The parent element that contains flex items.
- **Flex Items** - The child elements within the flex container that are positioned according to flexbox rules.

Example

```
.container{  
  display: flex;  
}
```

CSS Grid

CSS Grid allows web developers to create complex and responsive designs with ease. Unlike floats and flexbox, CSS Grid enables precise control over both rows and columns, making it a two-dimensional system.

Grid Container :

```
.d-grid{
  display: grid;
}
```

Grid tracks (Row & Columns) :

```
.d-grid {
  grid-template-columns: 100px 200px 100px;
  grid-template-rows: 50px 100px;
}
```

Grid Items:

```
.grid-item1 {
  grid-row: 1/span 1;
  grid-column: 1/span 1;
}
```

Box Shadow

The CSS box-shadow property is used to apply one or more shadows to an element.

Syntax : selector{ box-shadow: offset-x offset-y blur spread color inset}

```
.box{
  box-shadow: 5px 10px 15px rgba(0,0,0,.15);
}
.box-2{
  box-shadow: 0px 0px 8px rgba(0,0,0,.15) inset;
}
.box-3{
  box-shadow: 5px 5px 8px rgba(0,0,0,.25), 10px 10px 8px rgba(0,0,0,.15), 15px 15px 8px rgba(0,0,0,.05);
}
```

Outline

An outline is a line drawn outside the element's border.

Syntax : selector{ outline: width style color}

```
.box{
  outline: 5px solid red;
}
.outline-red{
  outline-color: red;
}
.outline-dashed{
  outline-style: dashed;
}
outline-5{
  outline-width: 5px;
}
```




THANK YOU

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