

CSS Display

- The display CSS property is used to configure the display style of any element, inline, flex, grid etc.

Syntax:

```
Selector {  
display: value;  
}
```

Value	Description
inline	It will display the content beside existing.
block	It will display content in new line.
grid	It can display content in rows and columns.
flex	It uses flexible display. It is cross browser compatible attribute used for creating layouts like float and position.
none	It hides the elements from DOM hierarchy.
table	It can have the display like table element.
Initial	Sets the property to its default value.
Inherit	Inherits from its parent element.

Ex: Display Inline

```
<!DOCTYPE html>
```

```
<html>
```

```
  <head>
```

```
<title>Display Inline</title>
<style>
  form div {
    display: inline;
  }
  ol {
    list-style: none;
    margin-left: -40px;
  }
  ol li {
    display: inline;
  }
</style>
</head>
<body>
  <form>
    <div>
      <input type="text" placeholder="User Name">
    </div>
    <div>
      <input type="password"
placeholder="Password">
    </div>
    <div>
      <button>Login</button>
    </div>
  </form>
  <div>
    <ol>
```

```
        <li>Home</li>
        <li>About</li>
        <li>Contact</li>
    </ol>
</div>
</body>
</html>
```

Note: Change the display to “block” in order to keep content line by line.

Display Grid

- Display as grid requires additional CSS attribute to organize the contents into rows and columns.

Attribute	Description
grid-template-columns	<ul style="list-style-type: none">- It defines the number of columns to display in grid and also the width of column.- Column width is defined in “fractions -fr”- Column in a page can have 12 fractions.- It can be defined from 1 to 12.
grid-gap	<ul style="list-style-type: none">- It defines the space between columns.

grid-column	- It specifies in which column content must display.
grid-row	- It specifies in which row content must display.

Ex:

```
<!DOCTYPE html>
```

```
<html>
```

```
  <head>
```

```
    <title>Display Grid</title>
```

```
    <link rel="stylesheet" href="../Fonts/css/all.css">
```

```
  <style>
```

```
    body {
```

```
      width: 90%;
```

```
      margin: 2em auto;
```

```
      font:1em Arial;
```

```
    }
```

```
    header, footer{
```

```
      border:2px solid darkcyan;
```

```
      background-color: lightcyan;
```

```
      text-align: center;
```

```
      border-radius: 10px;
```

```
    }
```

```
    .container {
```

```
      display: grid;
```

```
      grid-template-columns: 2fr 10fr;
```

```
      grid-gap: 20px;
```

```
    }
```

```
header{
    grid-row: 1;
    grid-column: 2 / 2;
}
footer {
    grid-row: 3;
    grid-column: 2 / 2;
}
aside {
    grid-row: 2;
    grid-column: 1;
    border-right: 2px dotted;
}
article {
    grid-row: 2;
    grid-column: 2 / 2;
}
.logo {
    grid-row: 1;
    grid-column: 1;
    border:1px solid darkcyan;
    text-align: center;
    border-radius: 5px;
}
.contact {
    grid-row: 3;
    grid-column: 1;
    border:1px solid darkcyan;
    border-radius: 5px;
```

```

        text-align: center;
    }
</style>
</head>
<body>
    <div class="container">
        <header>
            <span class="fa fa-shopping-cart"></span>
Amazon Shopping
        </header>
        <article>
            <h2>Amazon Home</h2>
            <p>Depending on how you obtained the
Windows software, this is a license agreement between
(i) you and the device manufacturer or software installer
that distributes the software with your device; or (ii) you
and Microsoft Corporation (or, based on where you live
or, if a business, where your principal place of business
is located, one of its affiliates) if you acquired the
software from a retailer. Microsoft is the device
manufacturer for devices produced by Microsoft or one
of its affiliates, and Microsoft is the retailer if you
acquired the software directly from Microsoft. Note that
if you are a volume license customer, use of this
software is subject to your volume license agreement
rather than this agreement.</p>
            <p>Depending on how you obtained the
Windows software, this is a license agreement between
(i) you and the device manufacturer or software installer

```

that distributes the software with your device; or (ii) you and Microsoft Corporation (or, based on where you live or, if a business, where your principal place of business is located, one of its affiliates) if you acquired the software from a retailer. Microsoft is the device manufacturer for devices produced by Microsoft or one of its affiliates, and Microsoft is the retailer if you acquired the software directly from Microsoft. Note that if you are a volume license customer, use of this software is subject to your volume license agreement rather than this agreement.

</article>

<aside>

<h2>Shopping Categories</h2>

Electronics

Footwear

Fashion

</aside>

<footer>

© copyright 2020 Amazon

</footer>

<div class="logo">

Logo here..

</div>

```
<div class="contact">
    contact@amazon.in
</div>
</div>
</body>
</html>
```

Display Flex

- It is cross browser compatible attribute used for creating layouts like float and position.
- It makes flexible display that can fit into various devices.

Ex:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Display Flex</title>
    <style>
      .container > div {
        border:2px solid darkcyan;
        width: auto;
        margin: 10px;
        padding: 10px;
      }
      .container {
        display: flex;
      }
    </style>
```



```
</head>
```

```
<body>
```

```
  <div class="container">
```

```
    <div>
```

```
      <h2>HTML</h2>
```

```
      <p>Depending on how you obtained the  
Windows software, this is a license agreement between  
(i) you and the device manufacturer or software installer  
that distributes the software with your device; or (ii) you  
and Microsoft Corporation (or, based on where you live  
or, if a business, where your principal place of business  
is located, one of its affiliates) if you acquired the  
software from a retailer. Microsoft is the device  
manufacturer for devices produced by Microsoft or one  
of its affiliates, and Microsoft is the retailer if you  
acquired the software directly from Microsoft. Note that  
if you are a volume license customer, use of this  
software is subject to your volume license agreement  
rather than this agreement.</p>
```

```
    </div>
```

```
    <div>
```

```
      <h2>CSS</h2>
```

```
      <p>Depending on how you obtained the  
Windows software, this is a license agreement between  
(i) you and the device manufacturer or software installer  
that distributes the software with your device; or (ii) you  
and Microsoft Corporation (or, based on where you live  
or, if a business, where your principal place of business  
is located, one of its affiliates) if you acquired the
```

software from a retailer. Microsoft is the device manufacturer for devices produced by Microsoft or one of its affiliates, and Microsoft is the retailer if you acquired the software directly from Microsoft. Note that if you are a volume license customer, use of this software is subject to your volume license agreement rather than this agreement.</p>

</div>

<div>

<h2>JavaScript</h2>

<p>Depending on how you obtained the Windows software, this is a license agreement between (i) you and the device manufacturer or software installer that distributes the software with your device; or (ii) you and Microsoft Corporation (or, based on where you live or, if a business, where your principal place of business is located, one of its affiliates) if you acquired the software from a retailer. Microsoft is the device manufacturer for devices produced by Microsoft or one of its affiliates, and Microsoft is the retailer if you acquired the software directly from Microsoft. Note that if you are a volume license customer, use of this software is subject to your volume license agreement rather than this agreement.</p>

</div>

<div>

<h2>jQuery</h2>

<p>Depending on how you obtained the Windows software, this is a license agreement between

(i) you and the device manufacturer or software installer that distributes the software with your device; or (ii) you and Microsoft Corporation (or, based on where you live or, if a business, where your principal place of business is located, one of its affiliates) if you acquired the software from a retailer. Microsoft is the device manufacturer for devices produced by Microsoft or one of its affiliates, and Microsoft is the retailer if you acquired the software directly from Microsoft. Note that if you are a volume license customer, use of this software is subject to your volume license agreement rather than this agreement.</p>

</div>

</div>

</body>

</html>

Display Table

- It configures a table with CSS. It is similar to HTML table.

HTML	CSS
table	display:table
tr	display:table-row
thead	display:table-header-group
tbody	display:table-row-group
tfoot	display:table-footer-group

colgroup	display:table-column-group
td,th	display:table-cell
caption	display:table-caption

Ex:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Display Table</title>
    <style>
      .table {
        display: table;
        width: 100%;
        border: 2px solid darkcyan;
      }
      .table-head {
        font-weight: bold;
      }
      .table-row {
        display: table-row
      }
      .table-head, .table-cell {
        display: table-cell;
        padding: 1em;
        border: 1px solid darkcyan;
      }
    </style>
```

```
</head>
<body>
  <div class="table">
    <div class="table-row">
      <div class="table-head">Name</div>
      <div class="table-head">Price</div>
    </div>
    <div class="table-row">
      <div class="table-cell">Samsung TV</div>
      <div class="table-cell">45000.44</div>
    </div>
  </div>
</body>
</html>
```

Note: You can hide the display of content on page by using “display:none”

Syntax:

```
#heading {
    display:none;
}
```

FAQ: How to display any content exactly center to page?

Display: Flex, align-items:center, justify-content:center

Ex:

```
<!DOCTYPE html>
<html>
  <head>
```

```
<title>Display Center</title>
<style>
    .container{
        display: flex;
        justify-content: center;
        align-items: center;
        height: 500px;
    }
    .container>div {
        width: 200px;
        border:2px solid darkcyan;
        border-radius: 10px;
        padding:10px;
    }
    input {
        width:150px;
    }
</style>
</head>
<body>
    <div class="container">
        <div>
            <h3>User Login</h3>
            <dl>
                <dt>User Name</dt>
                <dd><input type="text"></dd>
                <dt>Password</dt>
                <dd><input type="password"></dd>
            </dl>
```

```
        <button>Login</button>
    </div>
</div>
</body>
</html>
```

Display Flexbox

(Responsive Web Design)

Property	Description
display	Specifies the display style.
flex-direction	Specifies the direction of items inside flex container.
justify-content	It horizontally aligns content to fit into flex container.
align-items	Vertically aligns the flex item.
flex-wrap	It controls the wrapping of items in flexbox. Wrap defines whether the content to continue or wrap to next line.
flex-flow	It is short hand property for wrap and direction.
order	Specifies the order of items in flexbox.
align-self	Used on flex items for aligning relative.

Ex: Flex-direction

```
<!DOCTYPE html>
<html>
  <head>
    <title>Flex</title>
    <style>
      .container{
        display: flex;
        flex-direction: column;
      }
    </style>
  </head>
  <body>
    <div class="container">
      <div>
        
        Pic-1
      </div>
      <div>
        
        Pic-2
      </div>
      <div>
        
        Pic-3
      </div>
    </div>
  </body>
</html>
```



```
</div>
<div>
  
  Pic-4
</div>
<div>
  
  Pic-5
</div>
<div>
  
  Pic-6
</div>

</div>
</body>
</html>
```

Ex: Reverse Column

```
<style>
  .container{
    display: flex;
    flex-direction: column-reverse;
  }
</style>
```

Ex: Reverse Row

```
<style>
  .container{
    display: flex;
    flex-direction: row-reverse;
  }
</style>
```

Ex: **Wrap Contents**

```
<style>
  .container{
    display: flex;
    flex-wrap: wrap;
  }
</style>
```

Ex:

```
<!DOCTYPE html>
<html>
  <head>
    <title>India Press</title>
    <style>
      header{
        display: flex;
        justify-content: space-between;
        background-color: orange;
        color: white;
        font-weight: bold;
        grid-row: 1;
        grid-column: 1/4;
      }
      .container {
```

```
    display: grid;
    grid-template-columns: 3fr 6fr 3fr;
    grid-gap: 20px;
}
footer{
    grid-row: 3;
    grid-column: 1/4;
}
.leftPanel {
    grid-row: 2;
    grid-column: 1;
}
.rightPanel {
    grid-row: 2;
    grid-column: 3;
}
footer {
    display: grid;
    grid-template-columns: 4fr 4fr 4fr;
}
footer .footerHeader {
    grid-row: 1;
    grid-column: 1/4;
    text-align: center;
    margin-top: 10px;
    margin-bottom: 10px;
    background-color: green;
    color: white;
}
```

```
    footer .footerBody {
      grid-row: 2;
      grid-column: 1/4;
      display: flex;
    }
    footer .footerFooter {
      grid-row: 3;
      grid-column: 1/4;
      text-align: center;
      margin-top: 20px;
      font-style: italic;
    }
    .footerBody > div {
      padding: 20px;
    }
  </style>
</head>
<body>
  <div class="container">
    <header>
      <div>Vol 271</div>
      <div>Year 20</div>
      <div>27-09-2020</div>
      <div>
        Indian Newspapers Links & India News
      </div>
    </header>
    <article>
```

<div>We provide free online newspapers links to all Indian language newspapers without downloading their fonts including all regional newspapers of India in languages like Tamil, Hindi, Urdu, Telugu, Malayalam, Punjabi, Marathi, Bengali, Kannada, Gujarati, Konkani, Oriya, Assamese and English, etc.

Members can now build their customize free home pages upload their Picture, logo and contact information also can select newspapers, news and check other pop3 mails. Click to join free Membership</div>

</article>

<aside class="leftPanel">

<div>Language News Papers</div>

Assamese Newspapers

Assamese Newspapers

Assamese Newspapers

Assamese Newspapers

Assamese Newspapers

Assamese Newspapers

Assamese Newspapers

Assamese Newspapers

Assamese Newspapers

Assamese Newspapers

</aside>

<aside class="rightPanel">

</aside>

<footer>

<div class="footerHeader">

<a>Contact Us

|

<a>Advertisement

|

<a>Sitemap

</div>

<div class="footerBody">

<div>

Dharma - Hindi site on Shiv Shankar

Salasarji - site of Salasar Hanumanji

</div>

<div>

Samachar Indian, Hindi & Gujarati

Samachar

Sports in Indian Sub-Continent

</div>

<div>

Hindi Keyboard type with mouse

HoroScope - free Vedic Astrology &

more

</div>

</div>

<div class="footerFooter">

<div>Copyright © by [Indiapress.org]. All

rights reserved.</div>

```
        <div>Developed and designed by Jagdish  
Purohit</div>  
        </div>  
    </footer>  
</div>  
</body>  
</html>
```