HTML and CSS Code for the Examples

[margin: auto - for Simple Centering](#_margin:_auto_-)

[flex-direction: column](#_Flex-direction:_column)

[justify-content: space-between | gap | flex-wrap](#_Justify-content:space-between_|_gap)

[justify-content: flex-end](#_Justify-content:_flex-end)

[justify-content: space-between](#_Justify-content:_space-between)

[align-items Example One](#_Align_-Items_HTML)

[align-items Example Two](#_Align_-Items_HTML_1)

[flex: grow |shrink | basis](#_Flex:_grow_|)

[order](#_Order)

# margin: auto - for Simple Centering

**HTML**

<div class="parent">

<div class="child"> 1 </div>

<div class="child"> 2 </div>

<div class="child"> 3 </div>

<div class="child"> 4 </div>

</div>

**CSS**

.parent {

display: flex;

height: 300px; /\* This can be anything \*/

}

.child {

width: 100px; /\* This can be anything \*/

height: 100px; /\* This can be anything \*/

margin: auto; /\* This is what centers everything \*/

background-color: #F60;

}

# Flex-direction: column

**HTML**

<div class="container">

<div class="box"> 1 </div>

<div class="box"> 2 </div>

<div class="box"> 3 </div>

<div class="box"> 4 </div>

</div>

## CSS

.container {

flex-direction: column;

height: 500px;

}

.box {

width: 100px; /\* This can be anything \*/

height: 100px; /\* This can be anything \*/

margin: auto; /\* This is what centers everything \*/

background-color:#F60;

}

# Justify-content:space-between | gap |flex-wrap

**HTLM**

<div class="container">

<div class="box"> 1 </div>

<div class="box"> 2 </div>

<div class="box"> 3 </div>

<div class="box"> 4 </div>

<div class="box"> 5 </div>

<div class="box"> 6 </div>

<div class="box"> 7 </div>

<div class="box"> 8 </div>

<div class="box"> 9 </div>

<div class="box"> 10 </div>

</div>

**CSS**

.box {

width: 100px; /\* This can be anything \*/

height: 100px; /\* This can be anything \*/

margin: auto; /\* This is what centers everything \*/

background-color:#F60;

}

.container {

display: flex;

flex-wrap: wrap;

justify-content: space-between;

gap: 5px;

}

.container>\* {

flex: 1 1 125px;

}

# Justify-content: flex-end

## HTML

<div class="container">

<div class="box"> 1 </div>

<div class="box"> 2 </div>

<div class="box"> 3 </div>

<div class="box"> 4 </div>

</div>

**CSS**

.box {

width: 100px; /\* This can be anything \*/

height: 100px; /\* This can be anything \*/

background-color:#F60;

}

.container {

display: flex;

justify-content: flex-end;

gap: 5px;

}

# Justify-content: space-between

**HTML**

<div class="container">

<div class="box"> 1 </div>

<div class="box"> 2 </div>

<div class="box"> 3 </div>

<div class="box"> 4 </div>

</div>

**CSS**

.box {

width: 100px; /\* This can be anything \*/

height: 100px; /\* This can be anything \*/

background-color:#F60;

}

.container {

display: flex;

justify-content: space-between;

gap: 5px;

}

# Align -Items HTML and CSS Examples

### HTML

<ul class="container flex-start">

<li class="flex-item">flex-start</li>

<li class="flex-item">3</li>

<li class="flex-item">4<br>5</li>

<li class="flex-item">6</li>

</ul>

<ul class="container flex-end">

<li class="flex-item">flex-end</li>

<li class="flex-item">3</li>

<li class="flex-item">4<br>5</li>

<li class="flex-item">6</li>

</ul>

<ul class="container center">

<li class="flex-item">center<br>

~</li>

<li class="flex-item">3</li>

<li class="flex-item">4<br>5</li>

<li class="flex-item">6</li>

</ul>

<ul class="container baseline">

<li class="flex-item">baseline<br>

~</li>

<li class="flex-item">3</li>

<li class="flex-item">4<br>5</li>

<li class="flex-item">6</li>

</ul>

<ul class="container stretch">

<li class="flex-item">stretch</li>

<li class="flex-item">3</li>

<li class="flex-item">4<br>5</li>

<li class="flex-item">6</li>

</ul>

**CSS**

.container {

padding: 0;

margin: 0;

list-style: none;

-ms-box-orient: horizontal;

display: -webkit-box;

display: -moz-box;

display: -ms-flexbox;

display: -moz-flex;

display: -webkit-flex;

display: flex;

float: left;

}

.flex-start {

-webkit-align-items: flex-start;

align-items: flex-start;

}

.flex-end {

-webkit-align-items: flex-end;

align-items: flex-end;

}

.flex-end li {

background: gold;

}

.center {

-webkit-align-items: center;

align-items: center;

}

.center li {

background: blue;

}

.baseline {

-webkit-align-items: baseline;

align-items: baseline;

}

.baseline li {

background: green;

}

.stretch {

-webkit-align-items: stretch;

align-items: stretch;

}

.stretch li {

background: maroon;

}

.flex-item {

background: indigo;

padding: 5px;

width: 50px;

margin: 5px;

line-height: 50px;

color: white;

font-weight: bold;

font-size: 1em;

text-align: center;

}

# Align -Items HTML and CSS Example Two

**HTML**

<div class="container" >

<div class= "box1">YELLOW</div>

<div class= "box2">BLUE</div>

<div class= "box3">EXTRA LONG TEXT IN PURPLE DIV</div>

</div>

**CSS**

.container {

width: 220px;

height: 300px;

border: 1px solid black;

display: flex;

align-items: center;

}

.box1 {

background-color:yellow;

min-height:30px;

}

.box2 {

background-color:blue;

min-height:50px;

}

.box3 {

background-color:purple;

min-height:190px;

}

.container >\* {

flex: 1;

border: 1px solid black;

display: flex;

align-items: center;

}

# Flex: grow | shrink | basis

**HTML**

<div class="container" >

<div class= "box1">BLACK</div>

<div class= "box2">BLUE</div>

<div class= "box3">EXTRA LONG TEXT IN PURPLE DIV</div>

</div>

**CSS**

.container {

border: 1px solid black;

display: flex;

}

.box1 {

background-color:black;

flex-grow: 3;

flex-shrink: 1;

flex-basis: auto;

}

.box2 {

background-color:blue;

flex-grow: 2;

flex-shrink: 1;

flex-basis: 300;

}

.box3 {

background-color:purple;

flex-grow: 5;

flex-shrink: 1;

flex-basis: 150;

}

.container >\* {

color: white;

}

# Order

**HTML**

<div class="container" >

<div class= "box1">BLACK</div>

<div class= "box2">BLUE</div>

<div class= "box3">EXTRA LONG TEXT IN PURPLE DIV</div>

</div>

**CSS**

.container {

border: 1px solid black;

display: flex;

}

.box1 {

background-color:black;

flex: 3 1 auto;

order: 2;

}

.box2 {

background-color:blue;

flex-grow: 2;

flex-shrink: 1;

flex-basis: 300;

order: 3;

}

.box3 {

background-color:purple;

flex-grow: 5;

flex-shrink: 1;

flex-basis: 150;

order: 1;

}

.container >\* {

color: white;

}