



# 31. Display, flex

Reja:

## ▼ Display



**Display utilities** - maxsus klasslar to'plami bo'lib, elementning **display** xossasining qiymatini osonlik bilan o'zgartirish imkonini beradi

## Umumiy ko'rinishi

```
xs uchun .d-{value}  
sm, md, lg, xl va xxl uchun .d-{breakpoint}-{value}
```

**value** quyidagi qiymatlardan birini qabul qilishi mumkin:

- none
- inline
- inline-block
- grid
- table
- table-cell
- table-row
- flex
- inline-flex



Ko'rsatilgan klasslar **breakpoint qiymati** va undan **kengroq** bo'lgan qurilmalar uchun amal qiladi

d-inline

d-inline

```
<div class="d-inline p-2 bg-primary text-white">d-inline</div>
<div class="d-inline p-2 bg-dark text-white">d-inline</div>
```

d-block

d-block

```
<span class="d-block p-2 bg-primary text-white">d-block</span>
<span class="d-block p-2 bg-dark text-white">d-block</span>
```

## Elementlarni ko'rinishini (visibility) o'zgartirish



Bootstrapning maxsus klasslaridan foydalanib, veb sahifadagi elementlarni berkitish yoki ko'rsatish imkoniyati mavjud

### Ekran o'lchovi va klass orasidagi bog'lanish

Aa Ekran o'lchovi	⋮ Klass
<u>Har doim berkitish</u>	.d-none
<u>Faqatgina xs uchun berkitish</u>	.d-none .d-sm-block
<u>Faqatgina sm uchun berkitish</u>	.d-md-block .d-sm-none
<u>Faqatgina md uchun berkitish</u>	.d-lg-block .d-md-none
<u>Faqatgina lg uchun berkitish</u>	.d-lg-none .d-xl-block
<u>Faqatgina xl uchun berkitish</u>	.d-xl-none .d-xxl-block
<u>Faqatgina xxl uchun berkitish</u>	.d-xxl-none
<u>Har doim ko'rsatish</u>	.d-sm-block
<u>Faqatgina xs uchun ko'rsatish</u>	.d-block .d-sm-none
<u>Faqatgina sm uchun ko'rsatish</u>	.d-md-none .d-none .d-sm-block
<u>Faqatgina md uchun ko'rsatish</u>	.d-lg-none .d-md-block .d-none
<u>Faqatgina lg uchun ko'rsatish</u>	.d-lg-block .d-none .d-xl-none
<u>Faqatgina xl uchun ko'rsatish</u>	.d-none .d-xl-block .d-xxl-none

Aa Ekran o'lchovi	:≡ Klass
<u>Faqatgina xli uchun ko'rsatish</u>	.d-none .d-xxl-block

```
<div class="d-lg-none border border-danger">lg va undan kattaroq bo'lgan holatlarda berkitish</div>
<div class="d-none d-lg-block border border-danger">lg va undan kichikroq bo'lgan holatlarda berkitish</div>
```

### Display property

Change the value of the display property with our responsive display utility classes. We purposely support only a subset of all possible values for display. Classes can be combined for various effects as you need. Display utility

<https://getbootstrap.com/docs/5.0/utilities/display/>



## ▼ Flex



**Flex utilities** - flex elementlarni boshqarish uchun mo'ljallangan maxsus klasslar to'plami

### CSS | 55. Flexbox: asoslari va terminlari

Bugungi darsda Flexbox bo'limini boshlab olamiz va dars davomida uning asoslari va terminlarini o'rganib olamiz.---Instagram: <http://www.instagram.com/ulugbe...>

<https://www.youtube.com/watch?v=j06i3epVpsi>



### CSS | 56. Flexbox: flex-direction, flex-wrap, flex-flow va justify-content

Bugungi darsda Flex Container uchun ishlatiladigan CSS xossalarini ko'rib chiqib, tushunib va kod yozib yanada yaxshiroq bilib olamiz---Instagram: <http://www...>

<https://www.youtube.com/watch?v=1Jt-JFYtKmo>



### CSS | 57. Flexbox: align-items va align-content

Dars davomida "flex container"ga tegishli bo'lgan yangi CSS xossalarini o'rganib chiqamiz.---Instagram: <http://www.instagram.com/ulugbeksamigjonov>Telegram: h...

<https://www.youtube.com/watch?v=HQsWYyz0kuo>



### CSS | 58. Flexbox: order, flex-grow va flex-shrink

Bugungi darsda "flex items"ning 3 xossasi bilan tanishib va kod yozib yanada yaxshiroq tushunib olamiz.---Instagram: <http://www.instagram.com/ulugbeksamigjonov>

<https://www.youtube.com/watch?v=FIMkI5WTsY8>



## CSS | 59. Flexbox: flex-basis, flex va align-self

Dars davomida "flex item"ning yana yangi 3 xossasi: flex-basis, flex va "align-self"ni birma-bir ko'rib, tushunib va kod yozib yanada yaxshiroq bilib olamiz....

📺 <https://www.youtube.com/watch?v=BhBCut4sP70>



## CSS | 60. Flexbox yordamida loyihani yaxshilash

Dars davomida Flexbox bo'limida olgan bilimlarimizga tayangan holda loyihamizni yanada yaxshilab olamiz.---Instagram: <http://www.instagram.com/ulugbeksamigjo...>

📺 <https://www.youtube.com/watch?v=8ObQIXKIUCc>



### ▼ Elementni flex'ga o'tkazish



Elementni flex ko'rinishga o'tkazish uchun **display** xossasi uchun **flex** yoki **inline-flex** qiymati ko'rsatilinadi

- `.d-flex`
- `.d-inline-flex`
- `.d-sm-flex`
- `.d-sm-inline-flex`
- `.d-md-flex`
- `.d-md-inline-flex`
- `.d-lg-flex`
- `.d-lg-inline-flex`
- `.d-xl-flex`
- `.d-xl-inline-flex`
- `.d-xxl-flex`
- `.d-xxl-inline-flex`

I'm a flexbox container!

```
<style>
div {
  background-color: rgba(86,61,124,0.15);
  border: 1px solid rgba(86,61,124,0.15);
}
</style>
```

-----

```
<div class="d-flex p-2">I'm a flexbox container!</div>
```

### ▼ Flex yo'nalishini o'zgartirish



Elementning flex yo'nalishini o'zgartirish uchun **flex-direction** xossasi uchun **row**, **row-reverse**, **column** yoki **column-reverse** qiymatlaridan birini ko'rsatish kerak

- `.flex-row`
- `.flex-row-reverse`
- `.flex-column`
- `.flex-column-reverse`
- `.flex-sm-row`
- `.flex-sm-row-reverse`
- `.flex-sm-column`
- `.flex-sm-column-reverse`
- `.flex-md-row`
- `.flex-md-row-reverse`
- `.flex-md-column`
- `.flex-md-column-reverse`
- `.flex-lg-row`
- `.flex-lg-row-reverse`
- `.flex-lg-column`
- `.flex-lg-column-reverse`
- `.flex-xl-row`
- `.flex-xl-row-reverse`
- `.flex-xl-column`
- `.flex-xl-column-reverse`
- `.flex-xxl-row`
- `.flex-xxl-row-reverse`
- `.flex-xxl-column`
- `.flex-xxl-column-reverse`



```
<style>
.flex-container {
```

```

    background-color: rgba(86,61,124,0.15);
    border: 1px solid rgba(86,61,124,0.15);
  }

  .flex-item {
    background-color: rgba(86,61,124,0.15);
    border: 1px solid rgba(86,61,124,0.15);
  }
</style>

-----

<div class="d-flex flex-row flex-container mb-3">
  <div class="p-2 flex-item">Flex item 1</div>
  <div class="p-2 flex-item">Flex item 2</div>
  <div class="p-2 flex-item">Flex item 3</div>
</div>
<div class="d-flex flex-row-reverse flex-container">
  <div class="p-2 flex-item">Flex item 1</div>
  <div class="p-2 flex-item">Flex item 2</div>
  <div class="p-2 flex-item">Flex item 3</div>
</div>

```

### ▼ Justify content



**Justify content** xossasi **start, end, center, space-between, space-around** va **space-evenly** qiymatlaridan birini qabul qiladi

- `.justify-content-start`
- `.justify-content-end`
- `.justify-content-center`
- `.justify-content-between`
- `.justify-content-around`
- `.justify-content-evenly`
- `.justify-content-sm-start`
- `.justify-content-sm-end`
- `.justify-content-sm-center`
- `.justify-content-sm-between`
- `.justify-content-sm-around`
- `.justify-content-sm-evenly`
- `.justify-content-md-start`
- `.justify-content-md-end`
- `.justify-content-md-center`
- `.justify-content-md-between`
- `.justify-content-md-around`
- `.justify-content-md-evenly`
- `.justify-content-lg-start`
- `.justify-content-lg-end`
- `.justify-content-lg-center`
- `.justify-content-lg-between`
- `.justify-content-lg-around`
- `.justify-content-lg-evenly`
- `.justify-content-xl-start`
- `.justify-content-xl-end`
- `.justify-content-xl-center`
- `.justify-content-xl-between`
- `.justify-content-xl-around`
- `.justify-content-xl-evenly`
- `.justify-content-xxl-start`
- `.justify-content-xxl-end`
- `.justify-content-xxl-center`
- `.justify-content-xxl-between`
- `.justify-content-xxl-around`
- `.justify-content-xxl-evenly`



```
<style>
.flex-container {
  background-color: rgba(86,61,124,0.15);
  border: 1px solid rgba(86,61,124,0.15);
}

.flex-item {
  background-color: rgba(86,61,124,0.15);
  border: 1px solid rgba(86,61,124,0.15);
}
</style>

-----

<div class="d-flex justify-content-start flex-container mb-2">
  <div class="p-2 flex-item">Flex item</div>
  <div class="p-2 flex-item">Flex item</div>
  <div class="p-2 flex-item">Flex item</div>
</div>

<div class="d-flex justify-content-end flex-container mb-2">
  <div class="p-2 flex-item">Flex item</div>
  <div class="p-2 flex-item">Flex item</div>
  <div class="p-2 flex-item">Flex item</div>
</div>

<div class="d-flex justify-content-center flex-container mb-2">
  <div class="p-2 flex-item">Flex item</div>
  <div class="p-2 flex-item">Flex item</div>
  <div class="p-2 flex-item">Flex item</div>
</div>

<div class="d-flex justify-content-between flex-container mb-2">
  <div class="p-2 flex-item">Flex item</div>
  <div class="p-2 flex-item">Flex item</div>
  <div class="p-2 flex-item">Flex item</div>
</div>

<div class="d-flex justify-content-around flex-container mb-2">
  <div class="p-2 flex-item">Flex item</div>
  <div class="p-2 flex-item">Flex item</div>
  <div class="p-2 flex-item">Flex item</div>
</div>
```



```
</div>

<div class="d-flex justify-content-evenly flex-container mb-2">
  <div class="p-2 flex-item">Flex item</div>
  <div class="p-2 flex-item">Flex item</div>
  <div class="p-2 flex-item">Flex item</div>
</div>
```

## ▼ Align items



**Align items** xossasi **start**, **end**, **center**, **baseline** va **stretch** qiymatlaridan birini qabul qiladi

- `.align-items-start`
- `.align-items-end`
- `.align-items-center`
- `.align-items-baseline`
- `.align-items-stretch`
- `.align-items-sm-start`
- `.align-items-sm-end`
- `.align-items-sm-center`
- `.align-items-sm-baseline`
- `.align-items-sm-stretch`
- `.align-items-md-start`
- `.align-items-md-end`
- `.align-items-md-center`
- `.align-items-md-baseline`
- `.align-items-md-stretch`
- `.align-items-lg-start`
- `.align-items-lg-end`
- `.align-items-lg-center`
- `.align-items-lg-baseline`
- `.align-items-lg-stretch`
- `.align-items-xl-start`
- `.align-items-xl-end`
- `.align-items-xl-center`
- `.align-items-xl-baseline`
- `.align-items-xl-stretch`
- `.align-items-xxl-start`
- `.align-items-xxl-end`
- `.align-items-xxl-center`
- `.align-items-xxl-baseline`
- `.align-items-xxl-stretch`



```

<style>
  .flex-container {
    background-color: rgba(86,61,124,0.15);
    border: 1px solid rgba(86,61,124,0.15);
    height: 6rem;
  }

  .flex-item {
    background-color: rgba(86,61,124,0.15);
    border: 1px solid rgba(86,61,124,0.15);
  }
</style>

-----

<div class="d-flex align-items-start flex-container mb-2">
  <div class="p-2 flex-item">Flex item</div>
  <div class="p-2 flex-item">Flex item</div>
  <div class="p-2 flex-item">Flex item</div>
</div>

<div class="d-flex align-items-end flex-container mb-2">
  <div class="p-2 flex-item">Flex item</div>
  <div class="p-2 flex-item">Flex item</div>
  <div class="p-2 flex-item">Flex item</div>
</div>

<div class="d-flex align-items-center flex-container mb-2">

```

```
<div class="p-2 flex-item">Flex item</div>
<div class="p-2 flex-item">Flex item</div>
<div class="p-2 flex-item">Flex item</div>
</div>

<div class="d-flex align-items-baseline flex-container mb-2">
  <div class="p-2 flex-item">Flex item</div>
  <div class="p-2 flex-item">Flex item</div>
  <div class="p-2 flex-item">Flex item</div>
</div>

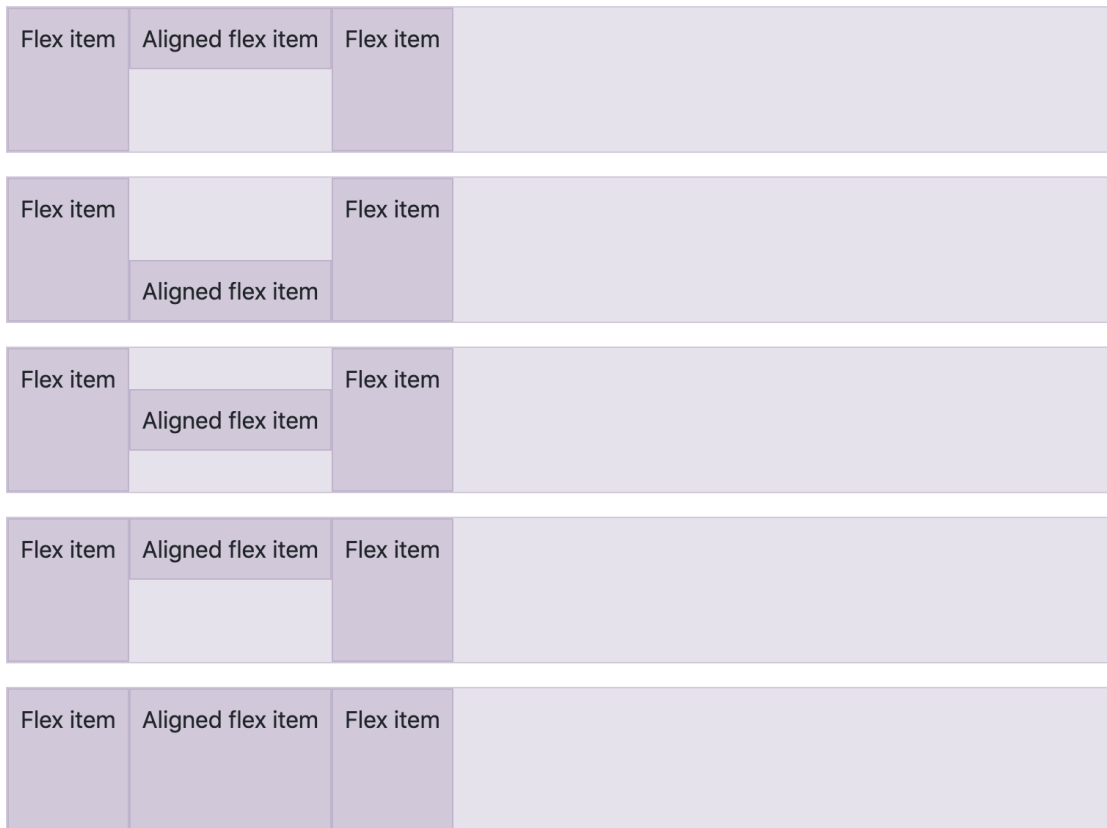
<div class="d-flex align-items-stretch flex-container mb-2">
  <div class="p-2 flex-item">Flex item</div>
  <div class="p-2 flex-item">Flex item</div>
  <div class="p-2 flex-item">Flex item</div>
</div>
```

### ▼ Align self



**Align self** xossasi **start**, **end**, **center**, **baseline** va **stretch** qiymatlaridan birini qabul qiladi

- `.align-self-start`
- `.align-self-end`
- `.align-self-center`
- `.align-self-baseline`
- `.align-self-stretch`
- `.align-self-sm-start`
- `.align-self-sm-end`
- `.align-self-sm-center`
- `.align-self-sm-baseline`
- `.align-self-sm-stretch`
- `.align-self-md-start`
- `.align-self-md-end`
- `.align-self-md-center`
- `.align-self-md-baseline`
- `.align-self-md-stretch`
- `.align-self-lg-start`
- `.align-self-lg-end`
- `.align-self-lg-center`
- `.align-self-lg-baseline`
- `.align-self-lg-stretch`
- `.align-self-xl-start`
- `.align-self-xl-end`
- `.align-self-xl-center`
- `.align-self-xl-baseline`
- `.align-self-xl-stretch`
- `.align-self-xxl-start`
- `.align-self-xxl-end`
- `.align-self-xxl-center`
- `.align-self-xxl-baseline`
- `.align-self-xxl-stretch`



```
<style>
  .flex-container {
    background-color: rgba(86,61,124,0.15);
    border: 1px solid rgba(86,61,124,0.15);
    height: 6rem;
  }

  .flex-item {
    background-color: rgba(86,61,124,0.15);
    border: 1px solid rgba(86,61,124,0.15);
  }
</style>

-----

<div class="d-flex flex-container mb-2">
  <div class="p-2 flex-item">Flex item</div>
  <div class="p-2 flex-item align-self-start">Aligned flex item</div>
  <div class="p-2 flex-item">Flex item</div>
</div>

<div class="d-flex flex-container mb-2">
  <div class="p-2 flex-item">Flex item</div>
  <div class="p-2 flex-item align-self-end">Aligned flex item</div>
  <div class="p-2 flex-item">Flex item</div>
</div>

<div class="d-flex flex-container mb-2">
  <div class="p-2 flex-item">Flex item</div>
```

```

<div class="p-2 flex-item align-self-center">Aligned flex item</div>
<div class="p-2 flex-item">Flex item</div>
</div>

<div class="d-flex flex-container mb-2">
  <div class="p-2 flex-item">Flex item</div>
  <div class="p-2 flex-item align-self-baseline">Aligned flex item</div>
  <div class="p-2 flex-item">Flex item</div>
</div>

<div class="d-flex flex-container mb-2">
  <div class="p-2 flex-item">Flex item</div>
  <div class="p-2 flex-item align-self-stretch">Aligned flex item</div>
  <div class="p-2 flex-item">Flex item</div>
</div>

```

## ▼ Grow va shrink



Bootstrapning **flex grow** va **shrink** xossalari uchun **0 yoki 1** qiymatini ko'rsatishga maxsus klasslari mavjud

- `.flex-{grow|shrink}-0`
- `.flex-{grow|shrink}-1`
- `.flex-sm-{grow|shrink}-0`
- `.flex-sm-{grow|shrink}-1`
- `.flex-md-{grow|shrink}-0`
- `.flex-md-{grow|shrink}-1`
- `.flex-lg-{grow|shrink}-0`
- `.flex-lg-{grow|shrink}-1`
- `.flex-xl-{grow|shrink}-0`
- `.flex-xl-{grow|shrink}-1`
- `.flex-xxl-{grow|shrink}-0`
- `.flex-xxl-{grow|shrink}-1`

Flex item	Flex item	Third flex item
-----------	-----------	-----------------

```

<style>
  .flex-container {
    background-color: rgba(86,61,124,0.15);
    border: 1px solid rgba(86,61,124,0.15);
  }

  .flex-item {
    background-color: rgba(86,61,124,0.15);
    border: 1px solid rgba(86,61,124,0.15);
  }

```

```

    }
  </style>

  -----

  <div class="d-flex flex-container">
    <div class="p-2 flex-grow-1 flex-item">Flex item</div>
    <div class="p-2 flex-item">Flex item</div>
    <div class="p-2 flex-item">Third flex item</div>
  </div>

```

## ▼ Wrap



**Flex wrap** xossasi **nowrap**, **wrap** va **wrap-reverse** qiymatlaridan birini qabul qiladi

- `.flex-nowrap`
- `.flex-wrap`
- `.flex-wrap-reverse`
- `.flex-sm-nowrap`
- `.flex-sm-wrap`
- `.flex-sm-wrap-reverse`
- `.flex-md-nowrap`
- `.flex-md-wrap`
- `.flex-md-wrap-reverse`
- `.flex-lg-nowrap`
- `.flex-lg-wrap`
- `.flex-lg-wrap-reverse`
- `.flex-xl-nowrap`
- `.flex-xl-wrap`
- `.flex-xl-wrap-reverse`
- `.flex-xxl-nowrap`
- `.flex-xxl-wrap`
- `.flex-xxl-wrap-reverse`

Flex item	Flex item	Flex item	Flex item	Flex item	Flex item	Flex item	Flex item	Flex item
Flex item	Flex item	Flex item	Flex item	Flex item	Flex item			

```

<style>
  .flex-container {
    background-color: rgba(86,61,124,0.15);
    border: 1px solid rgba(86,61,124,0.15);
  }

```

```

.flex-item {
  background-color: rgba(86,61,124,0.15);
  border: 1px solid rgba(86,61,124,0.15);
}
</style>

-----

<div class="d-flex flex-wrap flex-container">
  <div class="p-2 flex-item">Flex item</div>
  <div class="p-2 flex-item">Flex item</div>
  <div class="p-2 flex-item">Flex item</div>
  <div class="p-2 flex-item">Flex item</div>
  <div class="p-2 flex-item">Flex item</div>
  <div class="p-2 flex-item">Flex item</div>
  <div class="p-2 flex-item">Flex item</div>
  <div class="p-2 flex-item">Flex item</div>
  <div class="p-2 flex-item">Flex item</div>
  <div class="p-2 flex-item">Flex item</div>
  <div class="p-2 flex-item">Flex item</div>
  <div class="p-2 flex-item">Flex item</div>
  <div class="p-2 flex-item">Flex item</div>
  <div class="p-2 flex-item">Flex item</div>
  <div class="p-2 flex-item">Flex item</div>
</div>

```

## ▼ Order



Bootstrapning **flex order** xossa uchun **0, 1, 2, 3, 4 va 5** qiymatini ko'rsatishga maxsus klasslari mavjud



- .order-0
- .order-1
- .order-2
- .order-3
- .order-4
- .order-5
- .order-sm-0
- .order-sm-1
- .order-sm-2
- .order-sm-3
- .order-sm-4
- .order-sm-5
- .order-md-0
- .order-md-1
- .order-md-2
- .order-md-3
- .order-md-4
- .order-md-5
- .order-lg-0
- .order-lg-1
- .order-lg-2
- .order-lg-3
- .order-lg-4
- .order-lg-5
- .order-xl-0
- .order-xl-1
- .order-xl-2
- .order-xl-3
- .order-xl-4
- .order-xl-5
- .order-xxl-0
- .order-xxl-1
- .order-xxl-2
- .order-xxl-3
- .order-xxl-4
- .order-xxl-5

Third flex item	Second flex item	First flex item	
-----------------	------------------	-----------------	--

```
<style>
.flex-container {
  background-color: rgba(86,61,124,0.15);
```

```

    border: 1px solid rgba(86,61,124,0.15);
  }

  .flex-item {
    background-color: rgba(86,61,124,0.15);
    border: 1px solid rgba(86,61,124,0.15);
  }
</style>

-----

<div class="d-flex flex-nowrap flex-container">
  <div class="order-3 p-2 flex-item">First flex item</div>
  <div class="order-2 p-2 flex-item">Second flex item</div>
  <div class="order-1 p-2 flex-item">Third flex item</div>
</div>

```

### ▼ Align content



Bootstrapning **align content** xossa uchun **start, end, center, space-around** va **stretch** qiymatini ko'rsatishga maxsus klasslari mavjud

- `.align-content-start`
- `.align-content-end`
- `.align-content-center`
- `.align-content-around`
- `.align-content-stretch`
- `.align-content-sm-start`
- `.align-content-sm-end`
- `.align-content-sm-center`
- `.align-content-sm-around`
- `.align-content-sm-stretch`
- `.align-content-md-start`
- `.align-content-md-end`
- `.align-content-md-center`
- `.align-content-md-around`
- `.align-content-md-stretch`
- `.align-content-lg-start`
- `.align-content-lg-end`
- `.align-content-lg-center`
- `.align-content-lg-around`
- `.align-content-lg-stretch`
- `.align-content-xl-start`
- `.align-content-xl-end`
- `.align-content-xl-center`
- `.align-content-xl-around`
- `.align-content-xl-stretch`
- `.align-content-xxl-start`
- `.align-content-xxl-end`
- `.align-content-xxl-center`
- `.align-content-xxl-around`
- `.align-content-xxl-stretch`

Flex item	Flex item	Flex item	Flex item	Flex item	Flex item	Flex item	Flex item	Flex item
Flex item	Flex item	Flex item	Flex item	Flex item	Flex item			

```

<style>
  .flex-container {
    background-color: rgba(86,61,124,0.15);
    border: 1px solid rgba(86,61,124,0.15);
    height: 10rem;
  }

  .flex-item {
    background-color: rgba(86,61,124,0.15);
    border: 1px solid rgba(86,61,124,0.15);
  }
</style>

-----

<div class="d-flex flex-container align-content-center flex-wrap">
  <div class="p-2 flex-item">Flex item</div>
  <div class="p-2 flex-item">Flex item</div>
  <div class="p-2 flex-item">Flex item</div>
  <div class="p-2 flex-item">Flex item</div>
  <div class="p-2 flex-item">Flex item</div>
  <div class="p-2 flex-item">Flex item</div>
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  <div class="p-2 flex-item">Flex item</div>
  <div class="p-2 flex-item">Flex item</div>
  <div class="p-2 flex-item">Flex item</div>
  <div class="p-2 flex-item">Flex item</div>
</div>

```

## Flex

Apply display utilities to create a flexbox container and transform direct children elements into flex items. Flex containers and items are able to be modified further with additional flex properties. I'm a flexbox container! I'm an

 <https://getbootstrap.com/docs/5.0/utilities/flex/>

