



33. Position, shadows, sizing

Reja:

▼ Position



Position utilities - maxsus klasslar to'plami bo'lib, ular yordamida elementning position xossasi uchun qiymatlar ko'rsatish imkoniyati mavjud

CSS | 21. Joylashish va "static" qiymati

Bugun biz CSS kursining yangi bo'limini boshlab olamiz va bu bo'lim Positioning (Joylashish) deb nomlanadi. ---Instagram: <http://www.instagram.com/ulugbeksami...>

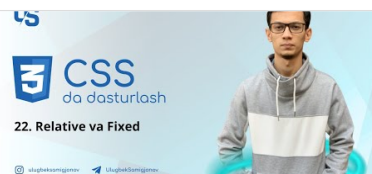
<https://www.youtube.com/watch?v=2vnZeG8Cwgc>



CSS | 22. Relative va Fixed

Dars davomida "CSS"ning "position" xossasining relativa va fixed qiymatlarini ko'rib, tushunib va amalda kod yozib bilib olamiz. ---Instagram: <http://www.inst...>

<https://www.youtube.com/watch?v=fU44BYrxk98>



CSS | 23. Absolute va Sticky

Bugungi darsda CSS position xossasining oxirgi ikkita "absolute" va "fixed" qiymatlarini ko'rib, kod yozib tushunib olamiz. ---Instagram: <http://www.instagram...>

<https://www.youtube.com/watch?v=HQnSWvz-R0w>



```
<div class="position-static">Position xossasi uchun static qiymatga ega element</div>
<div class="position-relative">Position xossasi uchun relative qiymatga ega element</div>
<div class="position-absolute">Position xossasi uchun absolute qiymatga ega element</div>
<div class="position-fixed">Position xossasi uchun fixezd qiymatga ega element</div>
<div class="position-sticky">Position xossasi uchun sticky qiymatga ega element</div>
```

Elementlarni joylashtirish

Umumiy ko'rinishi:

```
.{property}-{position}
```

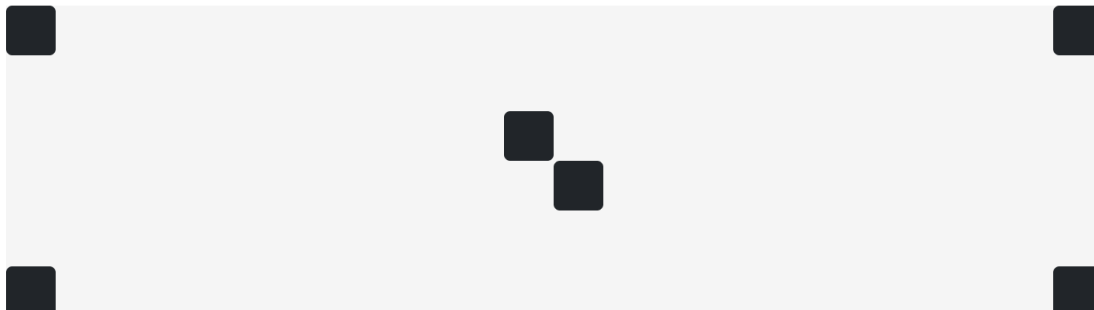
Property uchun

- **top** - vertikal tepadan joylashish
- **start** - gorizontal chapdan joylashish
- **bottom** - vertikal pastdan joylashish
- **end** - gorizontal o'ngdan joylashish

Position uchun

- **0** - qirrasidan joylashish

- **50** - qirrasidan 50% masofada joylashish
- **100** - qirrasidan 100% masofada joylashish



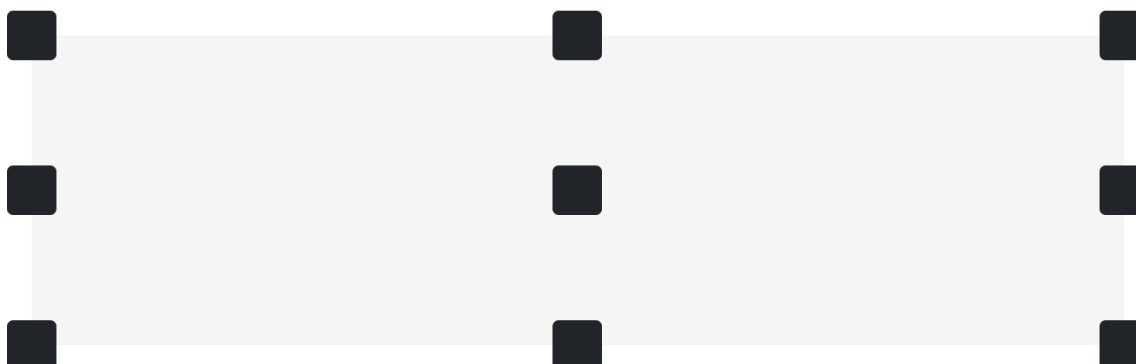
```
<style>
  .box-container {
    height: 200px;
    background-color: #f5f5f5;
  }

  .black-box {
    width: 2em;
    height: 2em;
    background-color: #212529;
    border-radius: .25rem;
  }
</style>

-----

<div class="position-relative box-container">
  <div class="position-absolute top-0 start-0 black-box"></div>
  <div class="position-absolute top-0 end-0 black-box"></div>
  <div class="position-absolute top-50 start-50 black-box"></div>
  <div class="position-absolute bottom-50 end-50 black-box"></div>
  <div class="position-absolute bottom-0 start-0 black-box"></div>
  <div class="position-absolute bottom-0 end-0 black-box"></div>
</div>
```

Elementlarni markazga joylashtirish



```

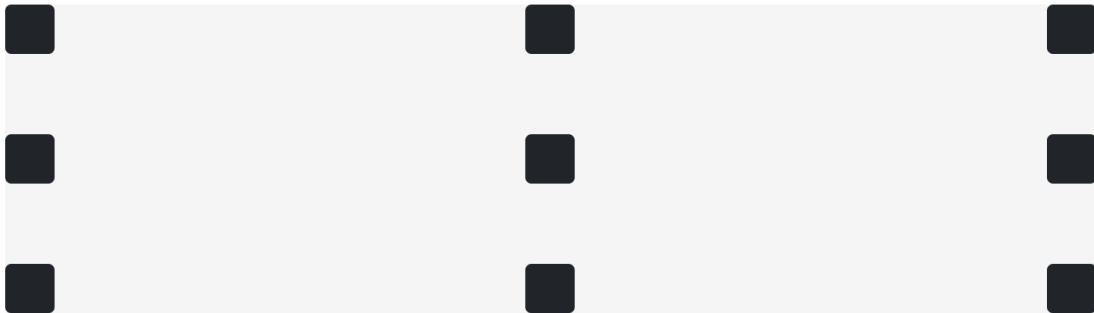
<style>
  .box-container {
    height: 200px;
    background-color: #f5f5f5;
  }

  .black-box {
    width: 2em;
    height: 2em;
    background-color: #212529;
    border-radius: .25rem;
  }
</style>

-----

<div class="position-relative m-5 box-container">
  <div class="position-absolute top-0 start-0 translate-middle black-box"></div>
  <div class="position-absolute top-0 start-50 translate-middle black-box"></div>
  <div class="position-absolute top-0 start-100 translate-middle black-box"></div>
  <div class="position-absolute top-50 start-0 translate-middle black-box"></div>
  <div class="position-absolute top-50 start-50 translate-middle black-box"></div>
  <div class="position-absolute top-50 start-100 translate-middle black-box"></div>
  <div class="position-absolute top-100 start-0 translate-middle black-box"></div>
  <div class="position-absolute top-100 start-50 translate-middle black-box"></div>
  <div class="position-absolute top-100 start-100 translate-middle black-box"></div>
</div>

```



```

<style>
  .box-container {
    height: 200px;
    background-color: #f5f5f5;
  }

  .black-box {
    width: 2em;
    height: 2em;
    background-color: #212529;
    border-radius: .25rem;
  }
</style>

-----

<div class="position-relative m-5 box-container">
  <div class="position-absolute top-0 start-0 black-box"></div>
  <div class="position-absolute top-0 start-50 translate-middle-x black-box"></div>
  <div class="position-absolute top-0 end-0 black-box"></div>
  <div class="position-absolute top-50 start-0 translate-middle-y black-box"></div>
  <div class="position-absolute top-50 start-50 translate-middle black-box"></div>
  <div class="position-absolute top-50 end-0 translate-middle-y black-box"></div>
  <div class="position-absolute bottom-0 start-0 black-box"></div>
  <div class="position-absolute bottom-0 start-50 translate-middle-x black-box"></div>
  <div class="position-absolute bottom-0 end-0 black-box"></div>
</div>

```

Misollar



```
<div class="d-flex justify-content-between m-5">
  <button type="button" class="btn btn-primary position-relative">
    Mails <span class="position-absolute top-0 start-100 translate-middle badge rounded-pill bg-secondary">+99 <span class="visually-hidden">
  </button>

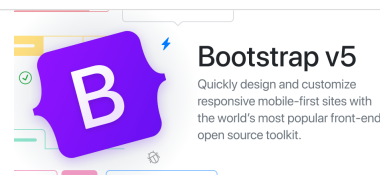
  <button type="button" class="btn btn-dark position-relative">
    Marker <svg width="1em" height="1em" viewBox="0 0 16 16" class="position-absolute top-100 start-50 translate-middle mt-1 bi bi-caret-square-down">
  </button>

  <button type="button" class="btn btn-primary position-relative">
    Alerts <span class="position-absolute top-0 start-100 translate-middle badge border border-light rounded-circle bg-danger p-2"><span class="visually-hidden">
  </button>
</div>
```

Position

Quick positioning classes are available, though they are not responsive. Arrange elements easily with the edge positioning utilities. The format is {property}-{position}.

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



▼ Shadows



Shadows - klasslar to'plami bo'lib, elementga soya qo'shish yoki olib tashlash imkoniyatini beradi

No shadow

Small shadow

Regular shadow

Larger shadow

```

<div class="m-5">
  <div class="shadow-none p-3 mb-5 bg-light rounded">Soyasiz</div>
  <div class="shadow-sm p-3 mb-5 bg-body rounded">Kichik soya</div>
  <div class="shadow p-3 mb-5 bg-body rounded">Odatiy soya</div>
  <div class="shadow-lg p-3 mb-5 bg-body rounded">Kattaroq soya</div>
</div>

```

Shadows

While shadows on components are disabled by default in Bootstrap and can be enabled via `$enable-shadows`, you can also quickly add or remove a shadow with our box-shadow utility classes. Includes support for `.shadow-none` and three default sizes (which have associated variables to match).

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



▼ Sizing



Sizing utilities - maxsus klasslar bo'lib, elementni o'lchovlarini ya'ni balandligi va kengligini o'zgartirish imkoniyatini beradi

Ota-ona (parent) elementga nisbatan o'lchov tayinlash

Width 25%

Width 50%

Width 75%

Width 100%

Width auto

```

<div class="w-25 p-3" style="background-color: #eee;">Width 25%</div>
<div class="w-50 p-3" style="background-color: #eee;">Width 50%</div>
<div class="w-75 p-3" style="background-color: #eee;">Width 75%</div>
<div class="w-100 p-3" style="background-color: #eee;">Width 100%</div>
<div class="w-auto p-3" style="background-color: #eee;">Width auto</div>

```

Height 25%

Height 50%

Height 75%

Height 100%

Height auto

```

<div style="height: 100px; background-color: rgba(255,0,0,0.1);">
  <div class="h-25 d-inline-block" style="width: 120px; background-color: rgba(0,0,255,.1)">Height 25%</div>
  <div class="h-50 d-inline-block" style="width: 120px; background-color: rgba(0,0,255,.1)">Height 50%</div>

```

```
<div class="h-75 d-inline-block" style="width: 120px; background-color: rgba(0,0,255,.1)">Height 75%</div>
<div class="h-100 d-inline-block" style="width: 120px; background-color: rgba(0,0,255,.1)">Height 100%</div>
<div class="h-auto d-inline-block" style="width: 120px; background-color: rgba(0,0,255,.1)">Height auto</div>
</div>
```

Max-width 100%

```
<div class="mw-100 p-5 text-center text-white m-3" style="background-color: #868E96;">
  Max-width 100%
</div>
```

Max-height
100%

```
<div style="height: 100px; background-color: rgba(255,0,0,.1);">
  <div class="mh-100" style="width: 100px; height: 200px; background-color: rgba(0,0,255,.1);">Max-height 100%</div>
</div>
```

Viewportga nisbatan o'lchov tayinlash

```
<div class="min-vw-100 bg-secondary border border-danger">Min-width 100vw</div>
<div class="min-vh-100 bg-secondary border border-danger">Min-height 100vh</div>
<div class="vw-100 bg-secondary border border-danger">Width 100vw</div>
<div class="vh-100 bg-secondary border border-danger">Height 100vh</div>
```

Sizing

Width and height utilities are generated from the utility API in `_utilities.scss`. Includes support for 25%, 50%, 75%, 100%, and auto by default. Modify those values as you need to generate different utilities here. You can also use max-width: 100%; and max-height: 100%; utilities as needed.

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

