



## 28. Gradient va Filterlar

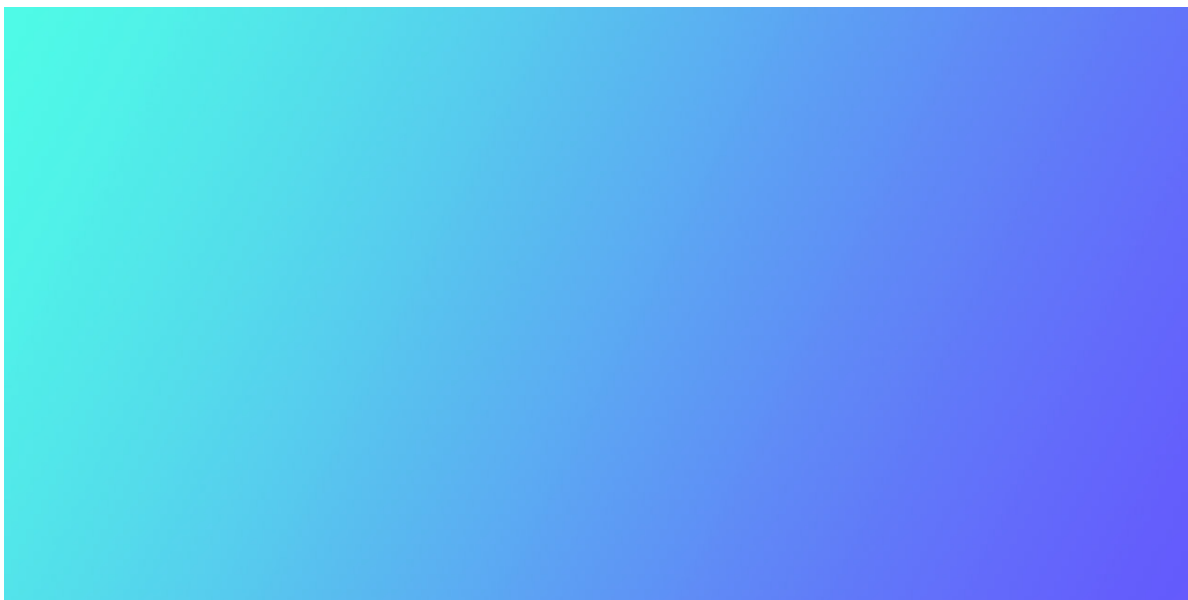
Reja:

### ▼ Gradient



**Gradient** - bir vaqtning o'zida ko'rsatilgan ikki va undan ortiq ranglar orasida o'tish imkoniyatini beradi

Misol:



Turlari:

### ▼ Linear (chiziqli) gradient

Umumiy ko'rinishi

```
background-image: linear-gradient(yo'nalishi, rang1, rang2, ...);
```

```
<style>
.gradient-box {
  width: 600px;
  height: 800px;
  background-image: linear-gradient(red, blue);
}
</style>

-----

<div class="gradient-box"></div>
```

```
<style>
.gradient-box {
  width: 600px;
  height: 800px;
  background-image: linear-gradient(to right, red, blue);
}
</style>

-----

<div class="gradient-box"></div>
```

```
<style>
.gradient-box {
  width: 600px;
  height: 800px;
  background-image: linear-gradient(to bottom right, red, blue);
}
</style>

-----

<div class="gradient-box"></div>
```

```
<style>
.gradient-box {
  width: 600px;
  height: 800px;
  background-image: linear-gradient(red, yellow, blue);
}
</style>

-----
```

```
<div class="gradient-box"></div>
```

## ▼ Radial gradient

### Umumiy ko'rinishi

```
background-image: radial-gradient(shakl o'lchov va joylashuvi, rang1, rang2, ...);
```

```
<style>
.radial-gradient-box {
  width: 600px;
  height: 800px;
  background-image: radial-gradient(red, yellow, blue);
}
</style>
```

```
-----

<div class="radial-gradient-box"></div>
```

```
<style>
.radial-gradient-box {
  width: 600px;
  height: 800px;
  background-image: radial-gradient(circle, red, yellow, blue);
}
</style>
```

```
-----

<div class="radial-gradient-box"></div>
```

## ▼ Filters



**Filter** - elementga vizual effekt berish uchun ishlatiladi

### Misol:



### Qiymatlari:

- **Blur** - rasmimizni xiraligini belgilaydi

```
<style>
  .blur {
    filter: blur(5px);
  }
</style>

-----


```

- **Brightness** - rasmimizni yorqinligini belgilaydi

```
<style>
  .brightness {
    filter: brightness(0.3);
  }
</style>

-----


```

- **Contrast** - rasmimizni kontrastini belgilaydi

```

<style>
  .contrast {
    filter: contrast(0.5);
  }
</style>

-----



```

- **Grayscale** - rasmimizni kul rangga o'tkazadi

```

<style>
  .grayscale {
    filter: grayscale(0.7);
  }
</style>

-----



```

- **Hue rotate** - rasmimizni rang aylanishini belgilab beradi

```

<style>
  .huerotate {
    filter: hue-rotate(180deg);
  }
</style>

-----



```

- **Invert** - rasmimizni invertligini belgilaydi

```

<style>
  .invert {
    filter: invert(100%);
  }
</style>

-----



```

- **Opacity** - rasmimizni ko'rinish darajasini belgilab beradi

```
<style>
  .opacity {
    filter: opacity(50%);
  }
</style>

-----


```