





# Frontender[1.0] 3D Трансформация и анимация элементов. CSS 3D Transform

 YouTube	<a href="https://youtu.be/3z6BncoNah8">https://youtu.be/3z6BncoNah8</a>
 Telegram	<a href="https://t.me/Dmitry_Kolotilshikov">https://t.me/Dmitry_Kolotilshikov</a>
# Номер урока	50



Полезные ссылки:  
[https://www.w3schools.com/css/css3\\_3dtransforms.asp](https://www.w3schools.com/css/css3_3dtransforms.asp)

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link rel="stylesheet" href="styles.css">
  <title>3D Transform</title>
</head>
<body>
  <div class="container">
    <div class="cards">
      <div class="card front--card"></div>
      <div class="card back--card"></div>
    </div>
  </div>
</body>
</html>
```

```
* {
  box-sizing: border-box;
}

body {
  margin: 0;
}

.container {
  height: 100vh;
  background-color: #9CB4CC;
  display: flex;
  justify-content: center;
  align-items: center;
  perspective: 1000px;
}

.cards {
  position: relative;
  width: 600px;
  height: 700px;
```

```

border: 15px solid #E7F6F2;
border-radius: 7px;
background-color: #D0C9C0;
box-shadow: 0 0 35px 5px #35353551;
/* transform: rotateY(0); */
rotate: y 0;
transition: rotate 2s;
transform-style: preserve-3d;
}

.cards:hover {
  /* transform: rotateY(180deg); */
  rotate: y 180deg;
  transition: rotate 1.5s;
  cursor: pointer;
}

.cards:hover .card {
  filter: contrast(130%);
}

.card {
  position: absolute;
  width: 100%;
  height: 100%;
  backface-visibility: hidden;
  transition: filter .5s;
}

.front--card {
  background: url('https://images.pexels.com/photos/4553618/pexels-photo-4553618.jpeg?auto=compress&cs=tinysrgb&w=1260&h=750&dpr=1') no-repeat center/cover;
}

.back--card {
  /* transform: rotateY(180deg); */
  rotate: y 180deg;
  background: url('https://images.pexels.com/photos/1252500/pexels-photo-1252500.jpeg?auto=compress&cs=tinysrgb&w=1260&h=750&dpr=1') no-repeat center/cover;
}

```