\* {

  box-sizing: border-box;

  margin: 0;

}

body {

  font-family: Arial, Helvetica, sans-serif;

}

.container {

  margin: 40px auto;

  width: 200px;

  perspective: 500px;

when u add the perspective it makes it 3D

}

U can also use transform origin too

.box {

  position: relative;

  width: 200px;

  height: 200px;

  transform-style: preserve-3d;

it memorizes its place when we place a 3D object

  transition: transform 1s;

the time of the flip

}

.box:hover {

  transform: rotateY(-180deg);

}

.box .face {

  position: absolute;

  width: 100%;

  height: 100%;

  display: flex;

  justify-content: center;

  align-items: center;

  font-weight: bold;

  font-size: 30px;

  color: white;

  backface-visibility: hidden;

when u flip the element this will help it to disappear when it flips

if u don’t use it would keep turning around and not fix it as u want

}

.box .front {

  background-color: red;

}

.box .back {

  background-color: green;

  transform: rotateY(180deg)

}