

wawiwa

CSS3

CSS

Degradado

Linear gradient (degradado linear) va para arriba, abajo, izquierda, derecha, diagonal.

```
.my-gradient {  
    background-image: linear-gradient(direction, color-stop1, color-stop2, ...);  
}
```

Linear Gradient ejemplo 1

HTML

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

CSS

```
.my-gradient {  
  width: 400px;  
  height: 200px;  
  background-image: linear-gradient(to right, green,  
    blue);  
}
```



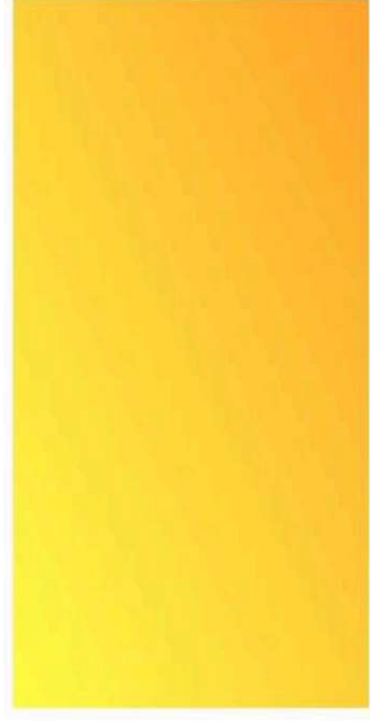
Linear Gradient ejemplo 2

HTML

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

CSS

```
.my-gradient {  
  width: 400px;  
  height: 200px;  
  background-image: linear-gradient(to top left, orange, yellow);  
}
```



Linear Gradient ejemplo 3

HTML

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

CSS

```
.my-gradient {  
  width: 400px;  
  height: 200px;  
  background-image: linear-gradient(180deg, orange, yellow);  
}
```



Sombra

Las siguientes diapositivas contienen ejemplos de sombreado.

Css3 Text-Shadow

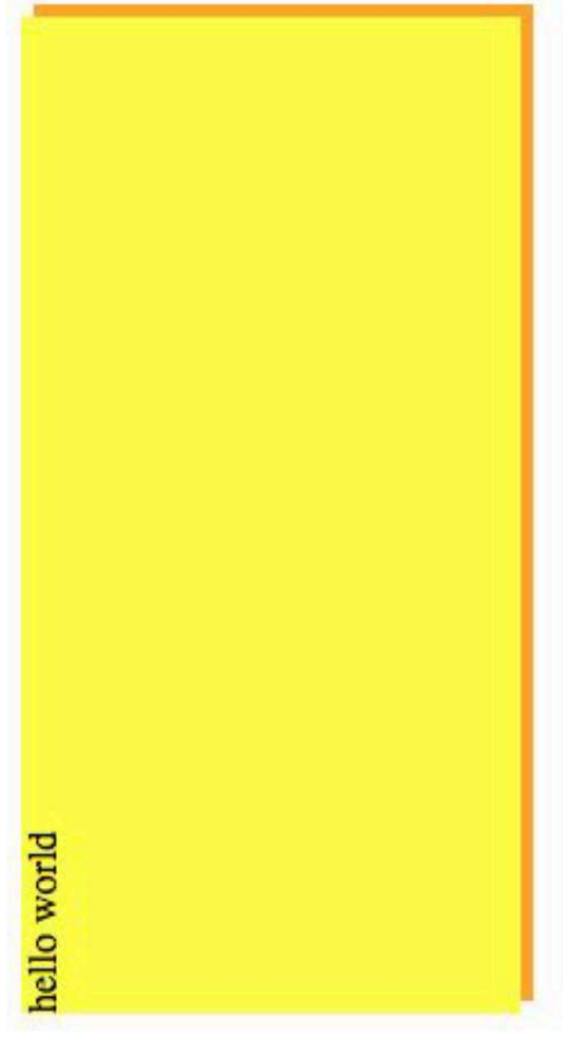
```
h1 {  
  text-shadow: 2px 2px orange;  
}
```



Hello world

Css3 Box-Shadow

```
div {  
  background-color: yellow;  
  box-shadow: 5px 5px orange;  
  width: 400px;  
  height: 200px;  
  margin-top: 20px;  
}  
  
<div>hello world</div>
```



Transform (transformación) [mdn](https://developer.mozilla.org/en-US/docs/Web/API/Transform)

Propiedades de transformación:

`scaleX (escalaX), scaleY (escalaY), scale
(escala), translate (traducir), rotate (rotar)`

Css3 Transform – ScaleX

```
div {  
  width: 400px;  
  height: 200px;  
  background-color:  
  background-color:  
  transform: scaleX(  
}
```



ScaleX - Estira la caja en el eje X.

<div>hello world</div>

Css3 Transform – ScaleY

```
div {  
  width: 400px;  
  height: 200px;  
  background-color: orange;  
  background-color: orange;  
  transform: scaleY(2);  
}
```

<div>hello world</div>

ScaleY - Estira la caja en el eje Y.



Css3 Transform – Scale

```
div {  
  width: 400px;  
  height: 200px;  
  background-color: orange;  
  background-color: orange;  
  transform: scale(2, 2);  
}
```

```
<div>hello world</div>
```



Scale - Estira la caja en el eje X y eje Y.

Css3 Transform – Translate

```
div {  
  width: 400px;  
  height: 200px;  
  background-color: orange;  
  transform: translate(50px, 100px);  
}
```

```
<div>hello world</div>
```



Translate - Mueve el elemento a esta posición.

Css3 Transform – Rotate

```
div {  
  width: 400px;  
  height: 200px;  
  background-color: orange;  
  transform: rotate(70deg);  
}
```

```
<div>hello world</div>
```



Rotate- Rota el elemento.

Transition (transición) [mdn](https://developer.mozilla.org/en-US/docs/Web/CSS/transition)

Propiedades de transición:

`transition`
`transition-delay`
`transition-duration`
`transition-property`
`transition-timing-function`

Css3 Transiciones Ejemplo 1

```
div {  
  width: 200px;  
  height: 200px;  
  background: blue;  
  transition: width 4s, height 2s;  
}
```

```
div:hover {  
  width: 400px;  
  height: 400px;  
}
```

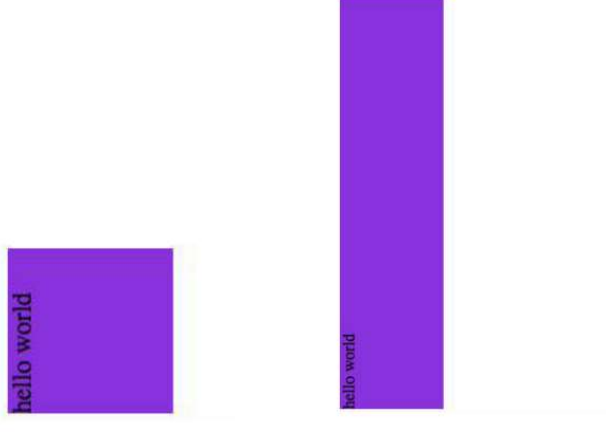
```
<div>hello world</div>
```



Css3 Transiciones Ejemplo 2

```
div {  
  width: 100px;  
  height: 100px;  
  background: blueviolet;  
  transition: width 5s;  
}  
  
div:hover { width: 400px; }
```

```
<div>hello world</div>
```



Animaciones - mdn

Propiedades de animación:

`@keyframes`
`animation-duration`
`animation-delay`
`animation-iteration-count`
`animation-direction`
`animation-timing-function`
`animation-fill-mode`

Css3 Animaciones Ejemplo 1

```
div {  
  width: 200px;  
  height: 200px;  
  background-color: blueviolet;  
  animation-name: firstAnim;  
  animation-duration: 3s;  
  animation-iteration-count: 10;  
}
```



```
@keyframes firstAnim {  
  from { background-color: blueviolet; }  
  to { background-color: orangered; }  
}
```



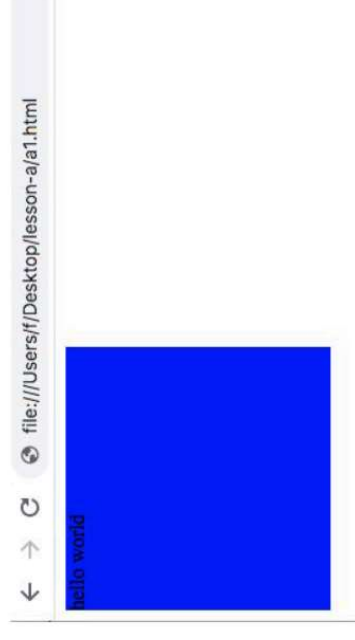
```
<div>hello world</div>
```

Css3 Animaciones Ejemplo 2

```
div {  
  width: 200px;  
  height: 200px;  
  background-color: blue;  
  position: relative;  
  animation-name: second;  
  animation-duration: 3s;  
}
```

```
@keyframes second {  
  0% { background-color: blue; left: 0px; top: 0px; }  
  30% { background-color: orange; left: 200px; top: 0px; }  
  60% { background-color: blue; left: 200px; top: 200px; }  
  100% { background-color: orange; left: 0px; top: 0px; }  
}
```

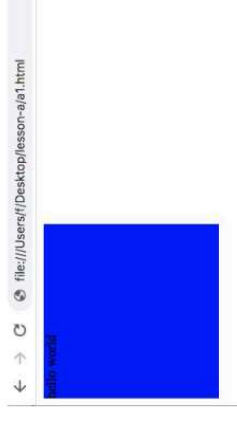
```
<div>hello world</div>
```



Css3 Animaciones Ejemplo 3 (Infinite)

```
div {  
  width: 200px;  
  height: 200px;  
  background-color: blue;  
  position: relative;  
  animation-name: second;  
  animation-duration: infinite;  
}
```

Se repite infinito.



```
@keyframes second {  
  0% { background-color: blue; left: 0px; top: 0px; }  
  30% { background-color: orange; left: 200px; top: 0px; }  
  60% { background-color: blue; left: 200px; top: 200px; }  
  100% { background-color: orange; left: 0px; top: 0px; }  
}
```

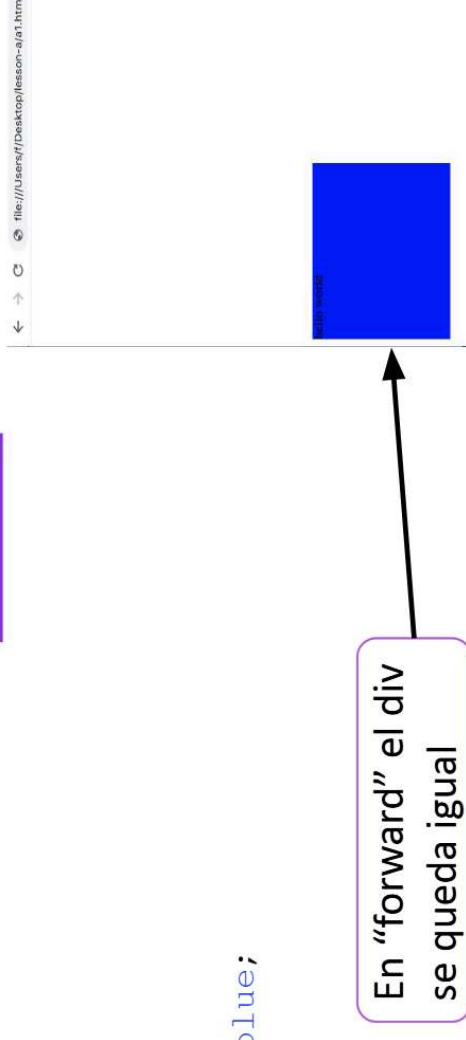
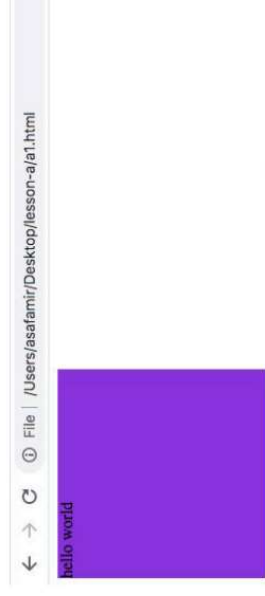
```
<div>hello world</div>
```

Css3 Animaciones Ejemplo 4 (Forward)

```
div {  
  width: 200px;  
  height: 200px;  
  background-color: blue;  
  position: relative;  
  animation-name: fifth;  
  animation-duration: 4s;  
  animation-fill-mode: forwards;  
}
```

```
@keyframes fifth {  
  from { top: 0px; }  
  to {  
    top: 400px;  
    background-color: blue;  
  }  
}
```

```
<div>hello world</div>
```



En “forward” el div se queda igual

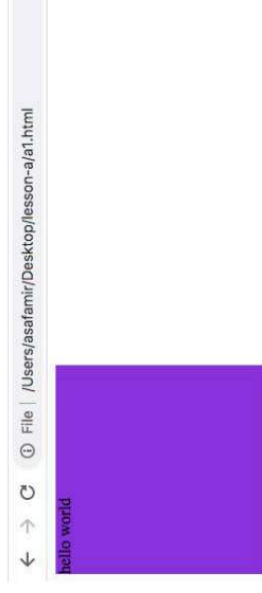
Css3 Animaciones Ejemplo 5 (Backward)

```
div {  
  width: 200px;  
  height: 200px;  
  background-color: blue;  
  position: relative;  
  animation-name: fifth;  
  animation-duration: 4s;  
  animation-fill-mode: backwards;  
}  
  
@keyframes fifth {  
  from { top: 0px; }  
  to {  
    top: 400px;  
    background-color: blue;  
  }  
}  
  
<div>hello world</div>
```

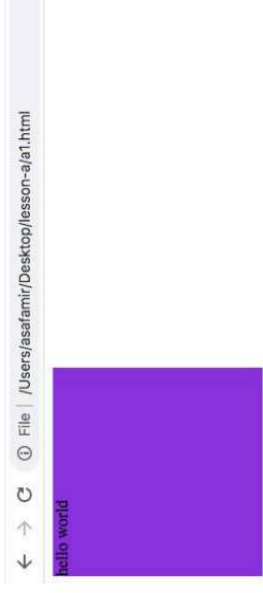


Css3 Animations Example 6 (Alternate)

```
div {  
  width: 200px;  
  height: 200px;  
  background-color: blue;  
  position: relative;  
  animation-name: fifth;  
  animation-duration: 4s;  
  animation-direction: alternate;  
}  
  
@keyframes fifth {  
  from { top: 0px; }  
  to {  
    top: 400px;  
    background-color: blue;  
  }  
}  
  
<div>hello world</div>
```



La animación es reproducida hacia adelante y después hacia atrás

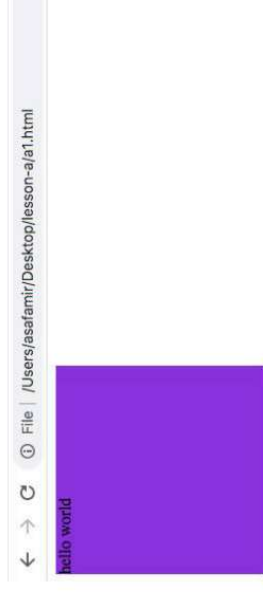


Css3 Animaciones Ejemplo 7 (Alternate Reverse)

```
div {  
  width: 200px;  
  height: 200px;  
  background-color: blue;  
  position: relative;  
  animation-name: fifth;  
  animation-duration: 4s;  
  animation-direction: alternate-rever  
}  
  
@keyframes fifth {  
  from { top: 0px; }  
  to {  
    top: 400px;  
    background-color: blue;  
  }  
}  
  
<div>hello world</div>
```



La animación es reproducida hacia atrás y después hacia adelante

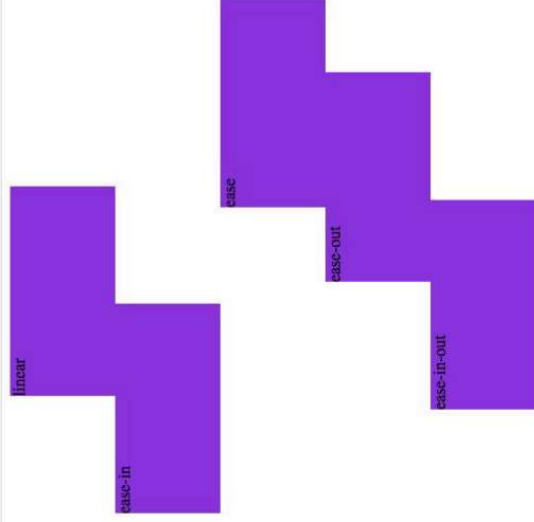


Css3 Animaciones Ejemplo 8 (Ease)

HTML

```
<div class="linear">linear</div>
<div class="ease-in">ease-in</div>
<div class="ease">ease</div>
<div class="ease-out">ease-out</div>
<div class="ease-in-out">ease-in-out</div>
```

← → C file:///Users/f/Desktop/lesson-a/a1.html



CSS

```
div {
  width: 200px; height: 100px; background: blueviolet;
  position: relative; animation: eight 4s infinite
}

.linear {
  animation-timing-function: linear;
}

.ease {
  animation-timing-function: ease;
}

.ease-in {
  animation-timing-function: ease-in;
}

.ease-out {
  animation-timing-function: ease-out;
}

.ease-in-out {
  animation-timing-function: ease-in-out;
}

@keyframes eight {
  from { left: 0px; }
  to { left: 600px; }
}
```




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¿Preguntas?