

# Animación & transición



# Versions

PDF file in  <http://goo.gl/HSIbLh>

HTML file: <http://www.slideshare.net/0192#/>



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Ahora mismo los enlaces no funcionan en chrome. Por favor, usa safari o bájate el PDF desde el drive. Thanks

# transform

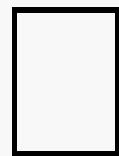
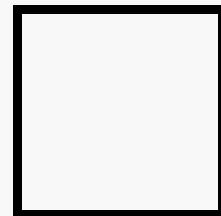
scale, rotate, skew, translate

```
transform: transform-function; /* can list multiple, space-separated  
*/
```

```
div {  
  -webkit-transform: value;  
  -moz-transform:     value;  
  -ms-transform:     value;  
  -o-transform:      value;  
  transform:         value;  
}
```

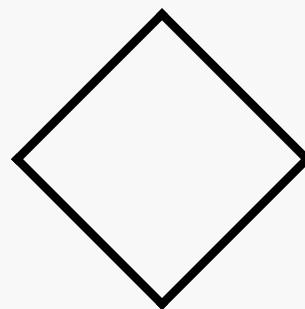
# transform: scale

```
transform: scale(0.5, 0.7);
```



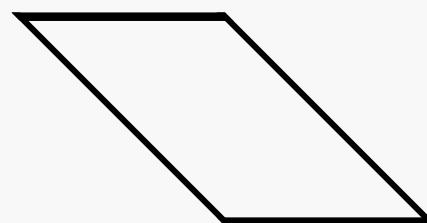
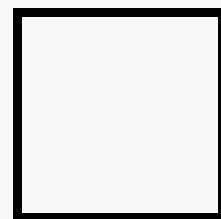
# transform: rotate

```
transform: rotate(45deg);
```



# transform: skew

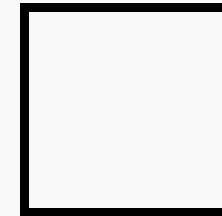
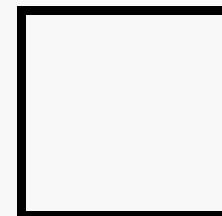
```
transform: skew(45deg);
```



# transform: translate

```
tranform: translate(x,y);
```

```
transform: translate(100px,40px);
```



# recursos

- Transform en css-tricks
- 3D CSS tester
- Crear 3D con CSS
- Animación: animate.css
- CSS shapes
- CSS shapes generator

# transition

```
.foo {  
    transition: [transition-property] [transition-duration] [transiti  
on-timing-function] [transition-delay];  
}
```

## Ejemplo:

```
div {  
    transition: background 0.2s ease, padding 0.8s linear;  
}
```

# transition-duration

el tiempo que tarda en transcurrir la transición en segundos

```
transition-duration: duration;
```

```
transition-duration: 2s;
```

# transition-timing-function

El **tipo de aceleración** de la transición.

Valores posibles:

- linear
- ease-in
- ease-out
- ease-in-out
- step-start
- step-end
- cubic-bezier

- Transition-timing-function <http://www.the-art-of-web.com/css/timing-function>
- Transiciones cubic-bezier personalizadas: <http://matthewlein.com/ceaser/>

# transition-delay

Para controlar el retraso del comienzo de la transición

```
transition-delay: delay;
```

```
transition-delay: 1s;
```



# transitions: recursos

- Transiciones en css-tricks
- Transiciones en menús
- Loading con transiciones
- Transition-timing-funcion
- Transiciones cubic-bezier personalizadas
- Transition delay

# Animation

# Animation

```
@keyframes resize {  
    0% {  
        padding: 0;  
    }  
    50% {  
        padding: 0 20px;  
        background-color:rgba(255,0,0,0.2);  
    }  
    100% {  
        padding: 0 100px;  
        background-color:rgba(255,0,0,0.9);  
    }  
}  
  
#box {  
    animation-name: resize;  
    animation-duration: 1s;  
    animation-iteration-count: 4;  
    animation-direction: alternate;  
    animation-timing-function: ease-in-out;  
}
```

# Timing functions for keyframes

- 'animation-name'
- 'animation-duration'
- 'animation-timing-function'
- 'animation-iteration-count'
- 'animation-direction'
- 'animation-play-state'
- 'animation-delay'
- 'animation-fill-mode'
- 'animation' Shorthand

view demo:

<http://naknak.me/ariketak>

# Ejemplos

- <http://anthonycalzadilla.com/css3-ATAT/index.html>
- <http://jsfiddle.net/simurai/CGmCe/>
- <http://www.optimum7.com/css3-man/animation.html>
- <http://playdulla.com/>
- <http://tympanus.net/Tutorials/OriginalHoverEffects/>
- <http://beta.theexpressiveweb.com/#!css3-animations>
- <https://developer.mozilla.org/en-US/demos/detail/the-planetarium/launch>
- <http://codepen.io/juliangarnier/pen/idhuG>
- <http://mrdoob.github.io/three.js/examples/css3...>
- <http://roxik.com/cat/>
- <http://lab.tylergaw.com/themanfromhollywood/>
- <http://lab.tylergaw.com/themanfromhollywood/>
- <http://cssdeck.com/labs/google-doodle-in-css-follow-up>
- <http://www.clicktorelease.com/code/css3dclouds/>

# animation: **recursos**

- La especificación CSS3: animations
- Tutorial en smashing magazine
- Animación: animate.css
- WiMi5: programa para crear videojuegos en HTML5
- Animatron: programa para crear animaciones
- Adobe edge

# Atribuciones



