

CSS Transitions and Animations

Animated HTML Elements

Transitions and Animations

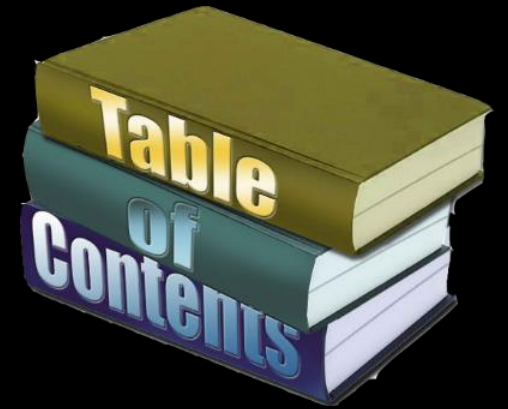


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CSS3 ANIMATION

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 - delay, direction, duration, full-mode
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```
a.foo {  
  padding: 5px 10px;  
  background: #69f;  
  color: #000;  
  -webkit-transition-property: background  
  -webkit-transition-duration: 0.5s;  
  -webkit-transition-timing-function: ea  
}  
a.foo:hover {  
  background: #33f;  
  color: #fff;  
}  
a.foo {  
  padding: 5px 10px;  
  background: #69f;  
  color: #000;  
  -webkit-transition-property: background 0.5  
  -webkit-transition-duration: 0.5s;  
  -webkit-transition-timing-function: ea  
}  
a.foo:hover {  
  background: #33f;  
  color: #fff;  
}
```

CSS3 Transitions

CSS Transitions

CSS Transitions

- **Transition**: changing from one style to another, without using Flash animations or script
- Work on  10.0+,  26.0+(4.0 -webkit-),  16.0+(4.0 -moz-)
 - **delay**: when transition effect will start (in seconds)
 - **duration**: how many time to complete (seconds or milliseconds)
 - **property**: which CSS property name transition effect is for
 - **timing-function**: speed curve of the transition effect
 - **linear**: same speed from start to the end
 - **ease**: (default) slow start, fast middle, then end slowly



Animation




CSS Animation: @keyframe

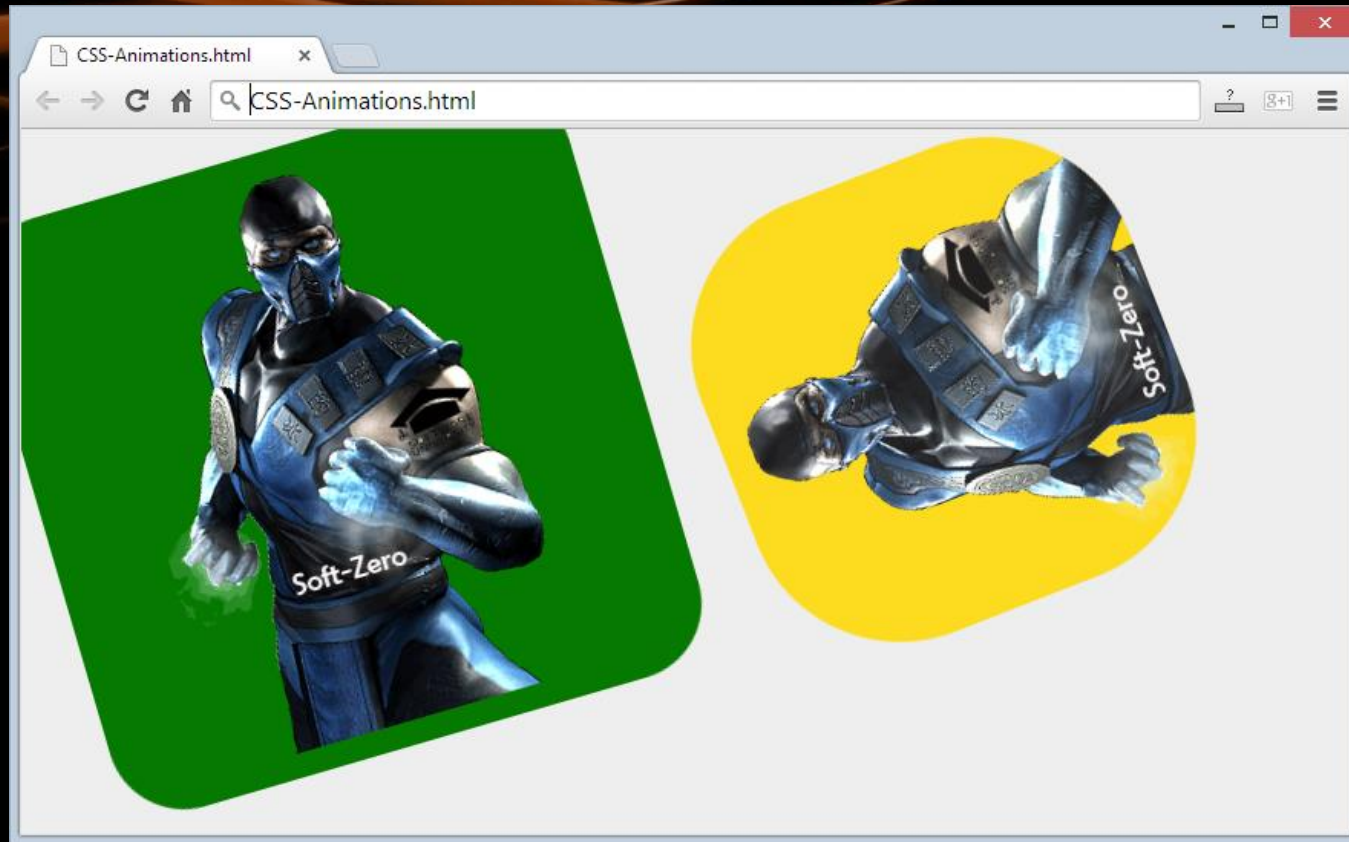
- @keyframe

- Initializes a named “variable” which defines animation lifecycle

```
@keyframe changing-background {  
    0%    {background: red;}  
    25%   {background: yellow;}  
    50%   {background: blue;}  
    100%  {background: green;}  
}  
  
@keyframe red-to-yellow {  
    from {background: red;}  
    to   {background: yellow;}  
}
```

Animation

- Animation: create animations which can replace Flash animations, animated images, and JavaScripts in existing web pages.
- Support:  10.0+,  26.0+ (4.0-webkit-),  16.0 (5.0 -moz-)
 - **delay**: when animation will start
 - **direction**: play in reverse on alternate cycles or opposite
 - **fill-mode**: styles apply for tags when the animation is not playing
 - **iteration-count**: replay animations
 - **name**: name of the **@keyframes** animation
 - **play-state**: running or paused
 - **timing-function**: speed curve of the animation



CSS Animations

Live Demo

CSS Transitions and Animations



Questions?

