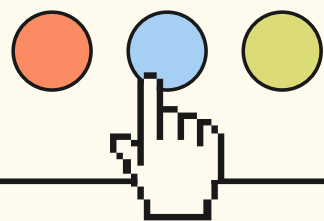




07/30/2024



FOUNDATIONS OF WEB DESIGN

CLASS 11

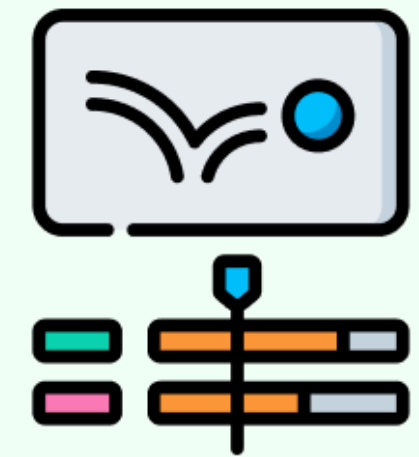
**CSS
Animations &
Keyframes**

<https://dem-1323.github.io/foundations-of-web-design/>

CSS ANIMATIONS

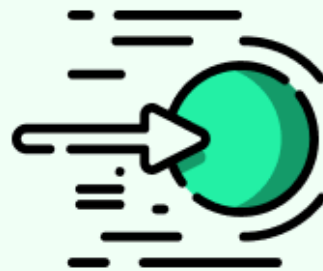


- Animate HTML without JS
- Make your sites more interactive



CSS

ANIMATIONS



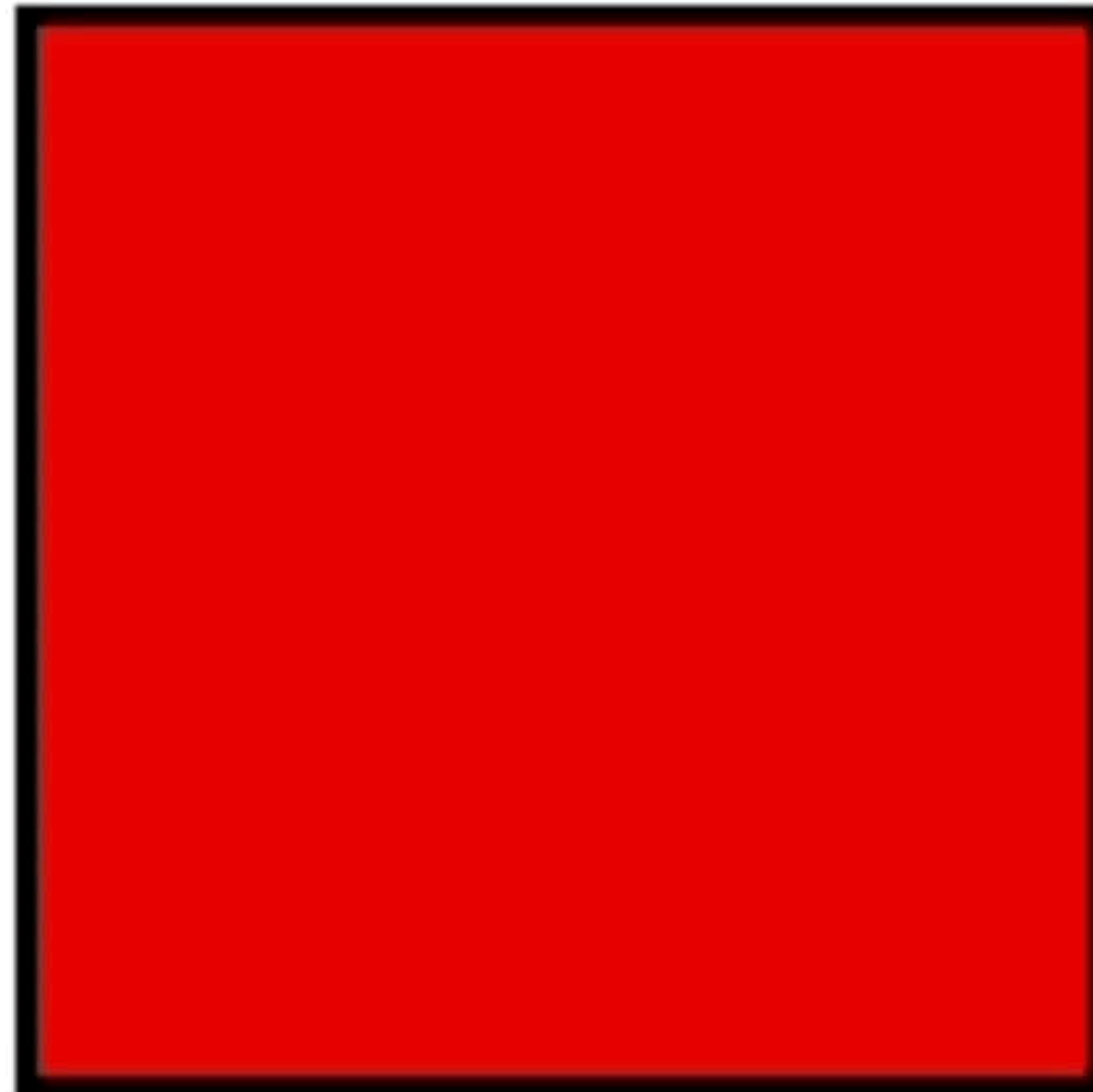
KEYFRAMES



- Define animation stage
- Using @keyframes

Example:

```
@keyframes example {  
  from {background-color: red;}  
  to {background-color: yellow;}  
}  
.animated-box {  
  animation-name: example;  
  animation-duration: 4s;  
}
```



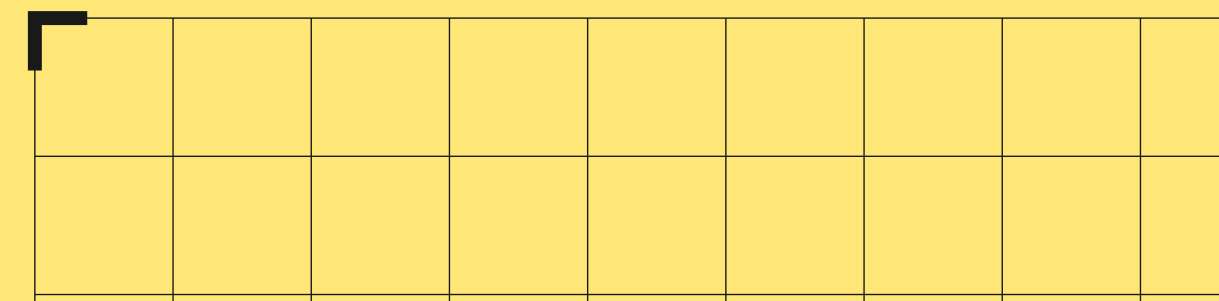
MULTIPLE KEYFRAMES



- Make multiple keyframe stages
- Use percentages to define different keyframes points

Example:

```
@keyframes example {  
  0% {background-color: red;}  
  50% {background-color: green;}  
  100% {background-color: yellow;}  
}  
.animated-box {  
  animation-name: example;  
  animation-duration: 4s;  
}
```



ANIMATION PROPERTIES



- **animation-name:** Specifies the name of the @keyframes animation.
- **animation-duration:** Specifies the duration of the animation.
- **animation-timing-function:** Specifies the speed curve of the animation.
- **animation-delay:** Specifies a delay before the animation starts.
- **animation-iteration-count:** Specifies the number of times the animation should run.
- **animation-direction:** Specifies whether the animation should play in reverse on alternate cycles.