CSS

Transformacije, tranzicije, animacije

Transformacije

transform

Transformacije

CSS metode transformacije
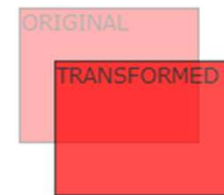
- translate()
- rotate()
- scaleX()
- scaleY()
- scale()
- skewX()
- skewY()
- skew()

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Transformacije

CSS metode transformacije

translate()

```
div {
transform: translate(50px, 100px);
}
```

ORIGINAL

TRANSFORMED

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Transformacije

CSS metode transformacije

rotate()

```
div {
    transform: rotate(20deg);
}
```

Transformacije

CSS metode transformacije

scale()

```
div {
transform: scale(2,3);
}
```
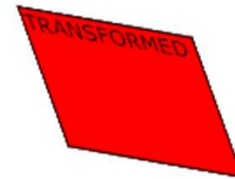
Transformacije

CSS metode transformacije

scaleX()

```
div {
transform: scaleX(2);
}
```

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Transformacije

CSS metode transformacije

scaleY()

```css
div {
transform: scaleY(3);
}
```

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Transformacije

CSS metode transformacije

skew()

```
div {
transform: skew(20deg,10deg);
}
```

TRANSFORMED

Transformacije

CSS metode transformacije

skewX()

```
div {
transform: skewX(20deg);
}
```

Transformacije

CSS metode transformacije

skewY()

```
div {
transform: skewY(20deg);
}
```

Transformacije

CSS metode transformacije

```
matrix()

matrix(a, b, c, d, e, f)
```

Tranzicije

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

Tranzicije

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

Tranzicije

```css
div {
transition-property: property;
transition-duration: duration;
transition-timing-function: timing-function;
transition-delay: delay
}


div{transition: property duration transition-timing-function delay;}
```

Animacije

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

Animacije

- `@keyframes`

  - Definira samu animaciju, njezine ključne kadrove i svojstva koja se animiraju

- `animation`

  - Dodjeljuje animaciju određenom elementu i definira kako je animiran

Animacije

```
@keyframes animationname {keyframes-selector {css-styles;}}
```

Animacije

```css
@keyframes animacija1 {
	0% {
		top: 0px;
		background: red;
		width: 100px;
	}
	100% {
		top: 200px;
		background: yellow;
		width: 300px;
	}
}
```

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Animacije

```css
@keyframes animacija1 {
    0% {
        top: 0px;
        left: 0px;
        background: red;
    }
    50% {
        top: 100px;
        left: 100px;
        background: yellow;
    }
    100% {
        top: 0px;
        left: 0px;
        background: red;
    }
}
```

Animacije

```
animation: name duration timing-function delay iteration-count direction fill-mode play-state
```

Animacije

```css
div {
animation: animacija1 5s linear 2s infinite alternate;
}
```

Animacije

```css
div {
animation-name: animacija1;
animation-duration: 5s;
animation-timing-function: linear;
animation-delay: 2s;
animation-iteration-count: infinite;
animation-direction: alternate;
}
```

Hvala na pažnji!