



CSS transform Property

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Example

Rotate, skew, and scale three different <div> elements:

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

div.b {
  transform: skewY(20deg);
}

div.c {
  transform: scaleY(1.5);
}
```

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Definition and Usage

The **transform** property applies a 2D or 3D transformation to an element. This property allows you to rotate, scale, move, skew, etc., elements.

[Show demo >](#)

Default value:	none	
Inherited:	no	
Animatable:	yes. Read about animatable	Try it
Version:	CSS3	
JavaScript syntax:	<code>object.style.transform="rotate(7deg)"</code>	Try it

Browser Support

The numbers in the table specify the first browser version that fully supports the property.

Numbers followed by -webkit-, -moz-, or -o- specify the first version that worked with a prefix.

Property					
transform (2D)	36.0 4.0 -webkit-	10.0 9.0 -ms-	16.0 3.5 -moz-	9.0 3.2 -webkit-	23.0 15.0 -webkit- 10.5 -o-

transform (3D)	36.0 12.0 -webkit-	12.0	10.0	9.0 4.0 -webkit-	23.0 15.0 -webkit-
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Syntax

```
transform: none|transform-functions|initial|inherit;
```

Property Values

Value	Description	Demo
none	Defines that there should be no transformation	Demo >
matrix(<i>n,n,n,n,n,n</i>)	Defines a 2D transformation, using a matrix of six values	Demo >
matrix3d (<i>n,n,n,n,n,n,n,n,n,n,n,n,n,n,n,n</i>)	Defines a 3D transformation, using a 4x4 matrix of 16 values	
translate(<i>x,y</i>)	Defines a 2D translation	Demo >
translate3d(<i>x,y,z</i>)	Defines a 3D translation	
translateX(<i>x</i>)	Defines a translation, using only the value for the X-axis	
translateY(<i>y</i>)	Defines a translation, using only the value for the Y-axis	
translateZ(<i>z</i>)	Defines a 3D translation, using only the value for the Z-axis	
scale(<i>x,y</i>)	Defines a 2D scale transformation	Demo >
scale3d(<i>x,y,z</i>)	Defines a 3D scale transformation	
scaleX(<i>x</i>)	Defines a scale transformation by giving a value for the X-axis	
scaleY(<i>y</i>)	Defines a scale transformation by giving a value for the Y-axis	
scaleZ(<i>z</i>)	Defines a 3D scale transformation by giving a value for the Z-axis	
rotate(<i>angle</i>)	Defines a 2D rotation, the angle is specified in the parameter	Demo >
rotate3d(<i>x,y,z,angle</i>)	Defines a 3D rotation	
rotateX(<i>angle</i>)	Defines a 3D rotation along the X-axis	Demo >
rotateY(<i>angle</i>)	Defines a 3D rotation along the Y-axis	Demo >
rotateZ(<i>angle</i>)	Defines a 3D rotation along the Z-axis	
skew(<i>x-angle,y-angle</i>)	Defines a 2D skew transformation along the X- and the Y-axis	Demo >
skewX(<i>angle</i>)	Defines a 2D skew transformation along the X-axis	Demo >
skewY(<i>angle</i>)	Defines a 2D skew transformation along the Y-axis	Demo >
perspective(<i>n</i>)	Defines a perspective view for a 3D transformed element	

initial	Sets this property to its default value. Read about <i>initial</i>
inherit	Inherits this property from its parent element. Read about <i>inherit</i>

More Examples

[Images thrown on the table](#)

This example demonstrates how to create "polaroid" pictures and rotate the pictures.

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