

# *The **Shapes** of CSS*

All of the below use only a single HTML element. Any kind of CSS goes, as long as it's supported in at least one browser.

## ***Square***

```
#square {  
  width: 100px;  
  height: 100px;  
  background: red;  
}
```

## ***Rectangle***

```
#rectangle {  
  width: 200px;  
  height: 100px;  
  background: red;  
}
```

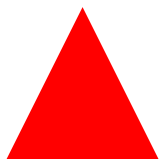
## ***Circle***

```
#circle {  
  width: 100px;  
  height: 100px;  
  background: red;  
  -moz-border-radius: 50px;  
  -webkit-border-radius: 50px;  
  border-radius: 50px;  
}  
  
/* Cleaner, but slightly less support: use "50%" as value */
```

## ***Oval***

```
#oval {  
  width: 200px;  
  height: 100px;  
  background: red;  
  -moz-border-radius: 100px / 50px;  
  -webkit-border-radius: 100px / 50px;  
  border-radius: 100px / 50px;  
}  
  
/* Cleaner, but slightly less support: use "50%" as value */
```

## ***Triangle Up***



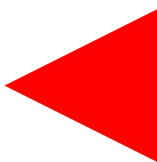
```
#triangle-up {  
  width: 0;  
  height: 0;  
  border-left: 50px solid transparent;  
  border-right: 50px solid transparent;  
  border-bottom: 100px solid red;  
}
```

## ***Triangle Down***



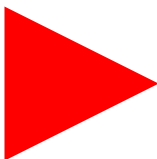
```
#triangle-down {  
  width: 0;  
  height: 0;  
  border-left: 50px solid transparent;  
  border-right: 50px solid transparent;  
  border-top: 100px solid red;  
}
```

## ***Triangle Left***



```
#triangle-left {  
  width: 0;  
  height: 0;  
  border-top: 50px solid transparent;  
  border-right: 100px solid red;  
  border-bottom: 50px solid transparent;  
}
```

## ***Triangle Right***



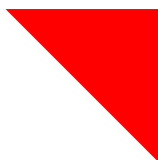
```
#triangle-right {  
  width: 0;  
  height: 0;  
  border-top: 50px solid transparent;  
  border-left: 100px solid red;  
  border-bottom: 50px solid transparent;  
}
```

## ***Triangle Top Left***



```
#triangle-topleft {  
  width: 0;  
  height: 0;  
  border-top: 100px solid red;  
  border-right: 100px solid transparent;  
}
```

## ***Triangle Top Right***



```
#triangle-topright {  
  width: 0;  
  height: 0;  
  border-top: 100px solid red;  
  border-left: 100px solid transparent;  
}
```

## ***Triangle Bottom Left***



```
#triangle-bottomleft {  
  width: 0;  
  height: 0;  
  border-bottom: 100px solid red;  
  border-right: 100px solid transparent;  
}
```

## ***Triangle Bottom Right***



```
#triangle-bottomright {  
  width: 0;  
  height: 0;  
  border-bottom: 100px solid red;  
  border-left: 100px solid transparent;  
}
```

## ***Curved Tail Arrow***

*via Ando Razafimandimby*



```
#curvedarrow {  
  position: relative;  
  width: 0;  
  height: 0;  
  border-top: 9px solid transparent;  
  border-right: 9px solid red;  
  -webkit-transform: rotate(10deg);  
  -moz-transform: rotate(10deg);  
  -ms-transform: rotate(10deg);  
  -o-transform: rotate(10deg);  
}  
#curvedarrow:after {  
  content: "";  
  position: absolute;  
  border: 0 solid transparent;  
  border-top: 3px solid red;  
  border-radius: 20px 0 0 0;  
  top: -12px;  
  left: -9px;  
  width: 12px;  
  height: 12px;  
  -webkit-transform: rotate(45deg);  
  -moz-transform: rotate(45deg);  
  -ms-transform: rotate(45deg);  
  -o-transform: rotate(45deg);  
}
```

## ***Trapezoid***



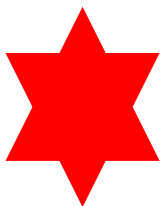
```
#trapezoid {  
  border-bottom: 100px solid red;  
  border-left: 50px solid transparent;  
  border-right: 50px solid transparent;  
  height: 0;  
}
```

```
width: 100px;  
}
```

## ***Parallelogram***

```
#parallelogram {  
  width: 150px;  
  height: 100px;  
  -webkit-transform: skew(20deg);  
  -moz-transform: skew(20deg);  
  -o-transform: skew(20deg);  
  background: red;  
}
```

## ***Star (6-points)***



```
#star-six {  
  width: 0;  
  height: 0;  
  border-left: 50px solid transparent;  
  border-right: 50px solid transparent;  
  border-bottom: 100px solid red;  
  position: relative;  
}  
#star-six:after {  
  width: 0;  
  height: 0;  
  border-left: 50px solid transparent;  
  border-right: 50px solid transparent;  
  border-top: 100px solid red;  
  position: absolute;  
  content: "";  
  top: 30px;  
  left: -50px;  
}
```

## ***Star (5-points)***



***via Kit MacAllister***

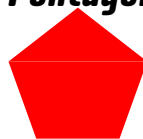


```
#star-five {
  margin: 50px 0;
  position: relative;
  display: block;
  color: red;
  width: 0px;
  height: 0px;
  border-right: 100px solid transparent;
  border-bottom: 70px solid red;
  border-left: 100px solid transparent;
  -moz-transform: rotate(35deg);
  -webkit-transform: rotate(35deg);
  -ms-transform: rotate(35deg);
  -o-transform: rotate(35deg);
}

#star-five:before {
  border-bottom: 80px solid red;
  border-left: 30px solid transparent;
  border-right: 30px solid transparent;
  position: absolute;
  height: 0;
  width: 0;
  top: -45px;
  left: -65px;
  display: block;
  content: "";
  -webkit-transform: rotate(-35deg);
  -moz-transform: rotate(-35deg);
  -ms-transform: rotate(-35deg);
  -o-transform: rotate(-35deg);
}

#star-five:after {
  position: absolute;
  display: block;
  color: red;
  top: 3px;
  left: -105px;
  width: 0px;
  height: 0px;
  border-right: 100px solid transparent;
  border-bottom: 70px solid red;
  border-left: 100px solid transparent;
  -webkit-transform: rotate(-70deg);
  -moz-transform: rotate(-70deg);
  -ms-transform: rotate(-70deg);
  -o-transform: rotate(-70deg);
  content: "";
}
```

## ***Pentagon***



```
#pentagon {
  position: relative;
  width: 54px;
  border-width: 50px 18px 0;
  border-style: solid;
  border-color: red transparent;
}

#pentagon:before {
  content: "";
```

```

position: absolute;
height: 0;
width: 0;
top: -85px;
left: -18px;
border-width: 0 45px 35px;
border-style: solid;
border-color: transparent transparent red;
}

```

## Hexagon



```

#hexagon {
  width: 100px;
  height: 55px;
  background: red;
  position: relative;
}
#hexagon:before {
  content: "";
  position: absolute;
  top: -25px;
  left: 0;
  width: 0;
  height: 0;
  border-left: 50px solid transparent;
  border-right: 50px solid transparent;
  border-bottom: 25px solid red;
}
#hexagon:after {
  content: "";
  position: absolute;
  bottom: -25px;
  left: 0;
  width: 0;
  height: 0;
  border-left: 50px solid transparent;
  border-right: 50px solid transparent;
  border-top: 25px solid red;
}

```

## Octagon



```

#octagon {
  width: 100px;
  height: 100px;
  background: red;
  position: relative;
}
#octagon:before {

```



```

    content: "";
    position: absolute;
    top: 0;
    left: 0;
    border-bottom: 29px solid red;
    border-left: 29px solid #eee;
    border-right: 29px solid #eee;
    width: 42px;
    height: 0;
}

#octagon:after {
    content: "";
    position: absolute;
    bottom: 0;
    left: 0;
    border-top: 29px solid red;
    border-left: 29px solid #eee;
    border-right: 29px solid #eee;
    width: 42px;
    height: 0;
}

```

## Heart

*via Nicolas Gallagher*

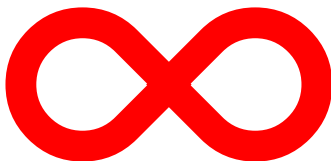
```

#heart {
    position: relative;
    width: 100px;
    height: 90px;
}
#heart:before,
#heart:after {
    position: absolute;
    content: "";
    left: 50px;
    top: 0;
    width: 50px;
    height: 80px;
    background: red;
    -moz-border-radius: 50px 50px 0 0;
    border-radius: 50px 50px 0 0;
    -webkit-transform: rotate(-45deg);
    -moz-transform: rotate(-45deg);
    -ms-transform: rotate(-45deg);
    -o-transform: rotate(-45deg);
    transform: rotate(-45deg);
    -webkit-transform-origin: 0 100%;
    -moz-transform-origin: 0 100%;
    -ms-transform-origin: 0 100%;
    -o-transform-origin: 0 100%;
    transform-origin: 0 100%;
}
#heart:after {
    left: 0;
    -webkit-transform: rotate(45deg);
    -moz-transform: rotate(45deg);
    -ms-transform: rotate(45deg);
    -o-transform: rotate(45deg);
    transform: rotate(45deg);
    -webkit-transform-origin: 100% 100%;
    -moz-transform-origin: 100% 100%;
    -ms-transform-origin: 100% 100%;
    -o-transform-origin: 100% 100%;
    transform-origin: 100% 100%;
}

```

## ***Infinity***

*via Nicolas Gallagher*



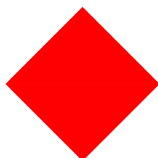
```
#infinity {
  position: relative;
  width: 212px;
  height: 100px;
}

#infinity:before,
#infinity:after {
  content: "";
  position: absolute;
  top: 0;
  left: 0;
  width: 60px;
  height: 60px;
  border: 20px solid red;
  -moz-border-radius: 50px 50px 0 50px;
  border-radius: 50px 50px 0 50px;
  -webkit-transform: rotate(-45deg);
  -moz-transform: rotate(-45deg);
  -ms-transform: rotate(-45deg);
  -o-transform: rotate(-45deg);
  transform: rotate(-45deg);
}

#infinity:after {
  left: auto;
  right: 0;
  -moz-border-radius: 50px 50px 50px 0;
  border-radius: 50px 50px 50px 0;
  -webkit-transform: rotate(45deg);
  -moz-transform: rotate(45deg);
  -ms-transform: rotate(45deg);
  -o-transform: rotate(45deg);
  transform: rotate(45deg);
}
```

## ***Diamond Square***

*via Joseph Silber*



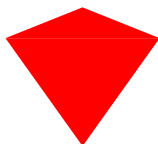
```
#diamond {
  width: 0;
  height: 0;
  border: 50px solid transparent;
  border-bottom-color: red;
  position: relative;
  top: -50px;
}

#diamond:after {
```

```
content: "";
position: absolute;
left: -50px;
top: 50px;
width: 0;
height: 0;
border: 50px solid transparent;
border-top-color: red;
}
```

## ***Diamond Shield***

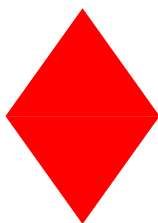
*via Joseph Silber*



```
#diamond-shield {
  width: 0;
  height: 0;
  border: 50px solid transparent;
  border-bottom: 20px solid red;
  position: relative;
  top: -50px;
}
#diamond-shield:after {
  content: "";
  position: absolute;
  left: -50px; top: 20px;
  width: 0;
  height: 0;
  border: 50px solid transparent;
  border-top: 70px solid red;
}
```

## ***Diamond Narrow***

*via Joseph Silber*



```
#diamond-narrow {
  width: 0;
  height: 0;
  border: 50px solid transparent;
  border-bottom: 70px solid red;
  position: relative;
  top: -50px;
}
#diamond-narrow:after {
  content: "";
  position: absolute;
  left: -50px; top: 70px;
  width: 0;
  height: 0;
  border: 50px solid transparent;
  border-top: 70px solid red;
}
```

## Cut Diamond

via Alexander Futekov



```
#cut-diamond {
  border-style: solid;
  border-color: transparent transparent red transparent;
  border-width: 0 25px 25px 25px;
  height: 0;
  width: 50px;
  position: relative;
  margin: 20px 0 50px 0;
}
#cut-diamond:after {
  content: "";
  position: absolute;
  top: 25px;
  left: -25px;
  width: 0;
  height: 0;
  border-style: solid;
  border-color: red transparent transparent transparent;
  border-width: 70px 50px 0 50px;
}
```

## Egg

```
#egg {
  display: block;
  width: 126px;
  height: 180px;
  background-color: red;
  -webkit-border-radius: 63px 63px 63px 63px / 108px 108px 72px 72px;
  border-radius: 50% 50% 50% 50% / 60% 60% 40% 40%;
}
```

## Pac-Man





```
#pacman {
  width: 0px;
  height: 0px;
  border-right: 60px solid transparent;
  border-top: 60px solid red;
  border-left: 60px solid red;
  border-bottom: 60px solid red;
  border-top-left-radius: 60px;
  border-top-right-radius: 60px;
  border-bottom-left-radius: 60px;
  border-bottom-right-radius: 60px;
}
```

## ***Talk Bubble***



```
#talkbubble {
  width: 120px;
  height: 80px;
  background: red;
  position: relative;
  -moz-border-radius: 10px;
  -webkit-border-radius: 10px;
  border-radius: 10px;
}
#talkbubble:before {
  content: "";
  position: absolute;
  right: 100%;
  top: 26px;
  width: 0;
  height: 0;
  border-top: 13px solid transparent;
  border-right: 26px solid red;
  border-bottom: 13px solid transparent;
}
```

## ***12 Point Burst***

***via Alan Johnson***

```
#burst-12 {
  background: red;
  width: 80px;
  height: 80px;
  position: relative;
  text-align: center;
```

```

}
#burst-12:before, #burst-12:after {
  content: "";
  position: absolute;
  top: 0;
  left: 0;
  height: 80px;
  width: 80px;
  background: red;
}
#burst-12:before {
  -webkit-transform: rotate(30deg);
  -moz-transform: rotate(30deg);
  -ms-transform: rotate(30deg);
  -o-transform: rotate(30deg);
}
#burst-12:after {
  -webkit-transform: rotate(60deg);
  -moz-transform: rotate(60deg);
  -ms-transform: rotate(60deg);
  -o-transform: rotate(60deg);
}

```

## 8 Point Burst

*via Alan Johnson*

```

#burst-8 {
  background: red;
  width: 80px;
  height: 80px;
  position: relative;
  text-align: center;
  -webkit-transform: rotate(20deg);
  -moz-transform: rotate(20deg);
  -ms-transform: rotate(20deg);
  -o-transform: rotate(20deg);
}
#burst-8:before {
  content: "";
  position: absolute;
  top: 0;
  left: 0;
  height: 80px;
  width: 80px;
  background: red;
  -webkit-transform: rotate(135deg);
  -moz-transform: rotate(135deg);
  -ms-transform: rotate(135deg);
  -o-transform: rotate(135deg);
}

```

## Yin Yang

*via Alexander Futekov*



```
#yin-yang {
  width: 96px;
  height: 48px;
  background: #eee;
  border-color: red;
  border-style: solid;
  border-width: 2px 2px 50px 2px;
  border-radius: 100%;
  position: relative;
}

#yin-yang:before {
  content: "";
  position: absolute;
  top: 50%;
  left: 0;
  background: #eee;
  border: 18px solid red;
  border-radius: 100%;
  width: 12px;
  height: 12px;
}

#yin-yang:after {
  content: "";
  position: absolute;
  top: 50%;
  left: 50%;
  background: red;
  border: 18px solid #eee;
  border-radius: 100%;
  width: 12px;
  height: 12px;
}
```

## Badge Ribbon

*via Catalin Rosu*



```
#badge-ribbon {
  position: relative;
  background: red;
  height: 100px;
  width: 100px;
  -moz-border-radius: 50px;
  -webkit-border-radius: 50px;
  border-radius: 50px;
}

#badge-ribbon:before,
#badge-ribbon:after {
  content: "";
  position: absolute;
  border-bottom: 70px solid red;
  border-left: 40px solid transparent;
  border-right: 40px solid transparent;
  top: 70px;
  left: -10px;
  -webkit-transform: rotate(-140deg);
  -moz-transform: rotate(-140deg);
  -ms-transform: rotate(-140deg);
  -o-transform: rotate(-140deg);
}

#badge-ribbon:after {
  left: auto;
  right: -10px;
}
```

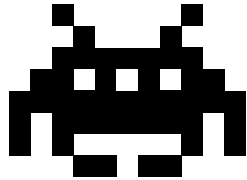
```

-webkit-transform: rotate(140deg);
-moz-transform: rotate(140deg);
-ms-transform: rotate(140deg);
-o-transform: rotate(140deg);
}

```

## Space Invader

via *Vlad Zinulescu*



```

#space-invader{

  box-shadow:
    0 0 1em red,
    0 1em 0 1em red,
    -2.5em 1.5em 0 .5em red,
    2.5em 1.5em 0 .5em red,
    -3em -3em 0 0 red,
    3em -3em 0 0 red,
    -2em -2em 0 0 red,
    2em -2em 0 0 red,
    -3em -1em 0 0 red,
    -2em -1em 0 0 red,
    2em -1em 0 0 red,
    3em -1em 0 0 red,
    -4em 0 0 0 red,
    -3em 0 0 0 red,
    3em 0 0 0 red,
    4em 0 0 0 red,
    -5em 1em 0 0 red,
    -4em 1em 0 0 red,
    4em 1em 0 0 red,
    5em 1em 0 0 red,
    -5em 2em 0 0 red,
    5em 2em 0 0 red,
    -5em 3em 0 0 red,
    -3em 3em 0 0 red,
    3em 3em 0 0 red,
    5em 3em 0 0 red,
    -2em 4em 0 0 red,
    -1em 4em 0 0 red,
    1em 4em 0 0 red,
    2em 4em 0 0 red;

  background: red;
  width: 1em;
  height: 1em;
  overflow: hidden;

  margin: 50px 0 70px 65px;
}

```

## TV Screen



```
#tv {
  position: relative;
  width: 200px;
  height: 150px;
  margin: 20px 0;
  background: red;
  border-radius: 50% / 10%;
  color: white;
  text-align: center;
  text-indent: .1em;
}
#tv:before {
  content: " ";
  position: absolute;
  top: 10%;
  bottom: 10%;
  right: -5%;
  left: -5%;
  background: inherit;
  border-radius: 5% / 50%;
}
```

## ***Chevron***

***via Anthony Ticknor***

```
#chevron {
  position: relative;
  text-align: center;
  padding: 12px;
  margin-bottom: 6px;
  height: 60px;
  width: 200px;
}
#chevron:before {
  content: " ";
  position: absolute;
  top: 0;
  left: 0;
  height: 100%;
  width: 51%;
  background: red;
  -webkit-transform: skew(0deg, 6deg);
  -moz-transform: skew(0deg, 6deg);
  -ms-transform: skew(0deg, 6deg);
  -o-transform: skew(0deg, 6deg);
  transform: skew(0deg, 6deg);
}
#chevron:after {
  content: " ";
  position: absolute;
  top: 0;
  right: 0;
  height: 100%;
  width: 50%;
  background: red;
  -webkit-transform: skew(0deg, -6deg);
  -moz-transform: skew(0deg, -6deg);
  -ms-transform: skew(0deg, -6deg);
  -o-transform: skew(0deg, -6deg);
  transform: skew(0deg, -6deg);
}
```

## Magnifying Glass



```
#magnifying-glass
{
  font-size: 10em; /* This controls the size. */
  display: inline-block;
  width: 0.4em;
  height: 0.4em;
  border: 0.1em solid red;
  position: relative;
  border-radius: 0.35em;
}
#magnifying-glass::before
{
  content: "";
  display: inline-block;
  position: absolute;
  right: -0.25em;
  bottom: -0.1em;
  border-width: 0;
  background: red;
  width: 0.35em;
  height: 0.08em;
  -webkit-transform: rotate(45deg);
  -moz-transform: rotate(45deg);
  -ms-transform: rotate(45deg);
  -o-transform: rotate(45deg);
}
```

## Facebook Icon

*via Nathan Swartz*

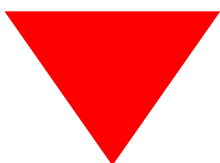


```
#facebook-icon {
  background: red;
  text-indent: -999em;
  width: 100px;
  height: 110px;
  border-radius: 5px;
  position: relative;
  overflow: hidden;
  border: 15px solid red;
  border-bottom: 0;
}
#facebook-icon::before {
  content: "/20";
  position: absolute;
  background: red;
}
```

```
width: 40px;
height: 90px;
bottom: -30px;
right: -37px;
border: 20px solid #eee;
border-radius: 25px;
}
#facebook-icon::after {
  content: "/20";
  position: absolute;
  width: 55px;
  top: 50px;
  height: 20px;
  background: #eee;
  right: 5px;
}
```

## ***Cone***

*via Omid Rasouli*



```
#cone {
  width: 0;
  height: 0;
  border-left: 70px solid transparent;
  border-right: 70px solid transparent;
  border-top: 100px solid red;
  -moz-border-radius: 50%;
  -webkit-border-radius: 50%;
  border-radius: 50%;
}
```

## ***Moon***

*via Omid Rasouli*



```
#moon {
  width: 80px;
  height: 80px;
  border-radius: 50%;
  box-shadow: 15px 15px 0 0 red;
}
```

## ***Flag***

*via Zoe Rooney*



```
#flag {  
  width: 110px;  
  height: 56px;  
  padding-top: 15px;  
  position: relative;  
  background: red;  
  color: white;  
  font-size: 11px;  
  letter-spacing: 0.2em;  
  text-align: center;  
  text-transform: uppercase;  
}  
#flag:after {  
  content: "";  
  position: absolute;  
  left: 0;  
  bottom: 0;  
  width: 0;  
  height: 0;  
  border-bottom: 13px solid #eee;  
  border-left: 55px solid transparent;  
  border-right: 55px solid transparent;  
}
```