UI BASICS

CLIP-PATH

- The **clip-path** property lets you clip an element to a basic shape.

- The **clip-path** property allows you to specify a specific region of an element to display, rather than showing the complete area.

```html
<h1>Clip-Path</h1>
<img class="clip-me" src="ballons.jpg">
<p>Lorem ipsum dolor sit, amet
consectetur adipisicing elit.</p>
```
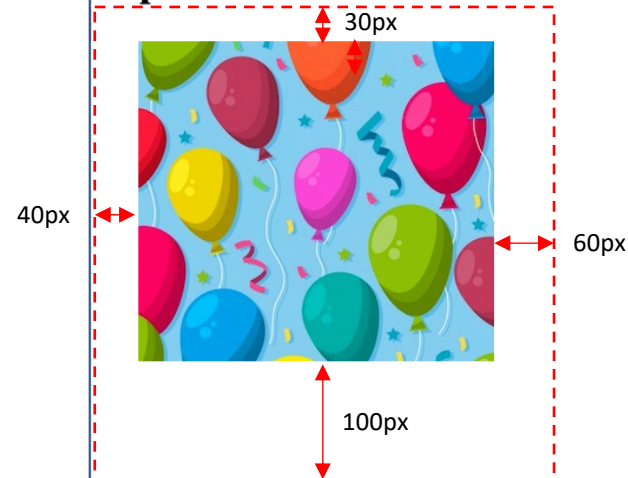
```css
.clip-me {
    border: 1px solid ▉red;
}
```

```css
.clip-me {
    border: 1px solid ▉red;
    clip-path: inset(30px 60px 100px 40px);
}
```

Inset(from-top, from-right, from-bottom, from-left);

- The most common use case would be **an image**, but <u>it's not limited to that.</u>

- You could just as easily apply clip-path to a paragraph tag and only a portion of the text.

```
<h1>Clip-Path Text</h1>
<p class="text-clip">Lorem ipsum, dolor
sit amet consectetur adipisicing elit.
Quasi, dolor.</p>
```

```
.text-clip {
    padding: 20px;
    border: 1px solid red;
    background: lightblue;
}
```
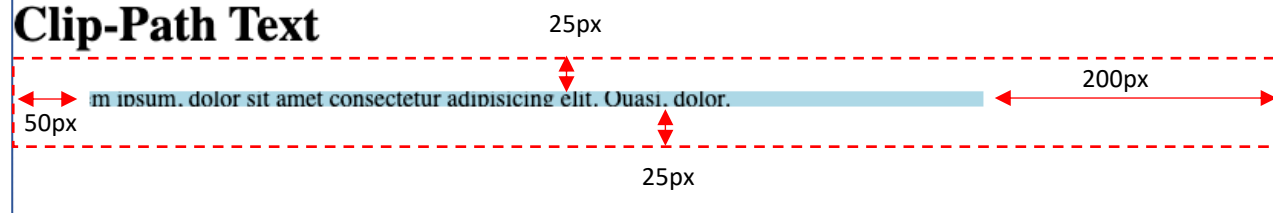
```
.text-clip {
    padding: 20px;
    border: 1px solid red;
    background: lightblue;
    clip-path: inset(25px 200px 25px 50px);
}
```

← *Inset(from-top, from-right, from-bottom, from-left);*

Clip-Path Text

Lorem ipsum, dolor sit amet consectetur adipisicing elit. Quasi, dolor.

Clip-Path Text

25px

m ipsum, dolor sit amet consectetur adipisicing elit. Quasi, dolor.

200px

50px

25px

NOTE: consider padding !!!

CLIP-PATH

- **Inset**
- Circle
- Ellipse
- Polygon

clip-path: inset();

```
.container {
    width: 500px;
    height: 300px;
    border: 1px dashed ■red;
    background: ■lightblue;
    margin-left: 20px;
}
```

```
<div class="container">
    <img src="bg.jpg" alt="background" width="100%"
    height="100%">
</div>
```


1 *left-top & right-bottom*

```
.container img {
    clip-path: inset(25px 200px 25px 50px round 10px 10px);
}
```

2 *right-top & left-bottom*

- Inset
- **Circle**
- Ellipse
- Polygon

clip-path: circle();

```css
.container {
    width: 500px;
    height: 300px;
    border: 1px dashed ■red;
    background: ■lightblue;
    margin-left: 20px;
}
```

```html
<div class="container">
    <img src="bg.jpg" alt="background" width="100%"
    height="100%">
</div>
```

x-axis   *y-axis*

```css
.container img {
    clip-path: circle(50px at 150px 150px);
}
```

Radius (r)

y : 150px

x : 150px

r : 50px

CLIP-PATH

- Inset
- Circle
- **Ellipse**
- Polygon

```css
.container {
    width: 500px;
    height: 300px;
    border: 1px dashed ■red;
    background: ■lightblue;
    margin-left: 20px;
}
```
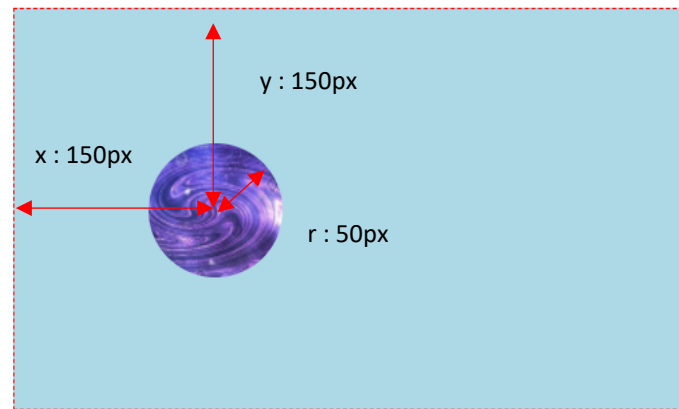
```html
<div class="container">
    <img src="bg.jpg" alt="background" width="100%"
    height="100%">
</div>
```
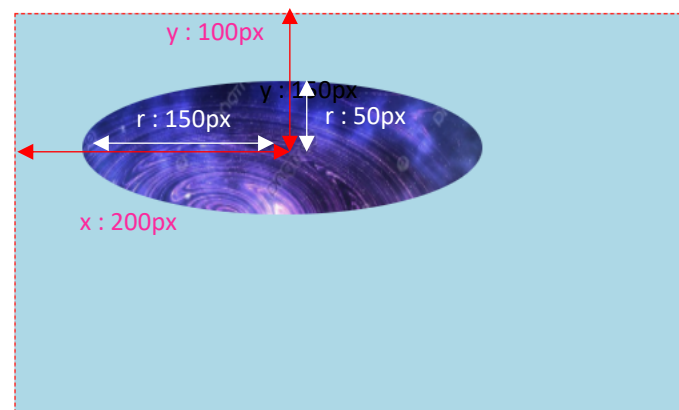

clip-path: ellipse();

x-axis   *y-axis*

```css
.container img {
    clip-path: ellipse(150px 50px at 200px 100px);
}
```

x-radius   *y-radius*

- Inset
- Circle
- Ellipse
- **Polygon**
- Path

clip-path: polygon();

```
.container {
    width: 500px;
    height: 300px;
    border: 1px dashed ■red;
    background: ■lightblue;
    margin-left: 20px;
}
```

```
.container img {
    clip-path: polygon(50% 0%, 100% 38%, 82% 100%, 18% 100%, 0% 38%);
}
```

x– y coordinates

```
<div class="container">
    <img src="bg.jpg" alt="background" width="100%"
    height="100%">
</div>
```
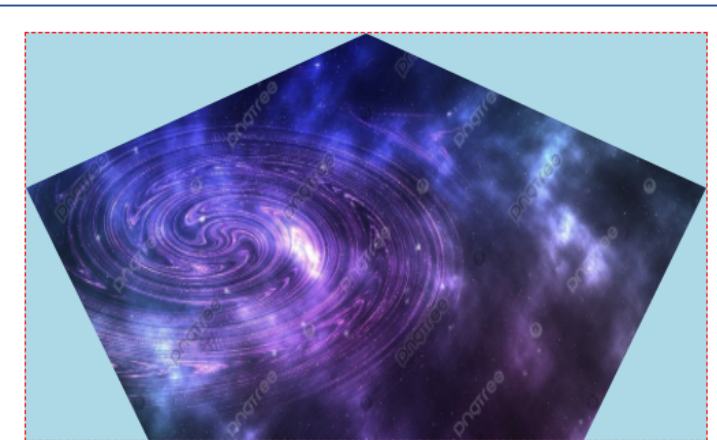
50% 0%

0% 38%

100% 38%

18% 100%

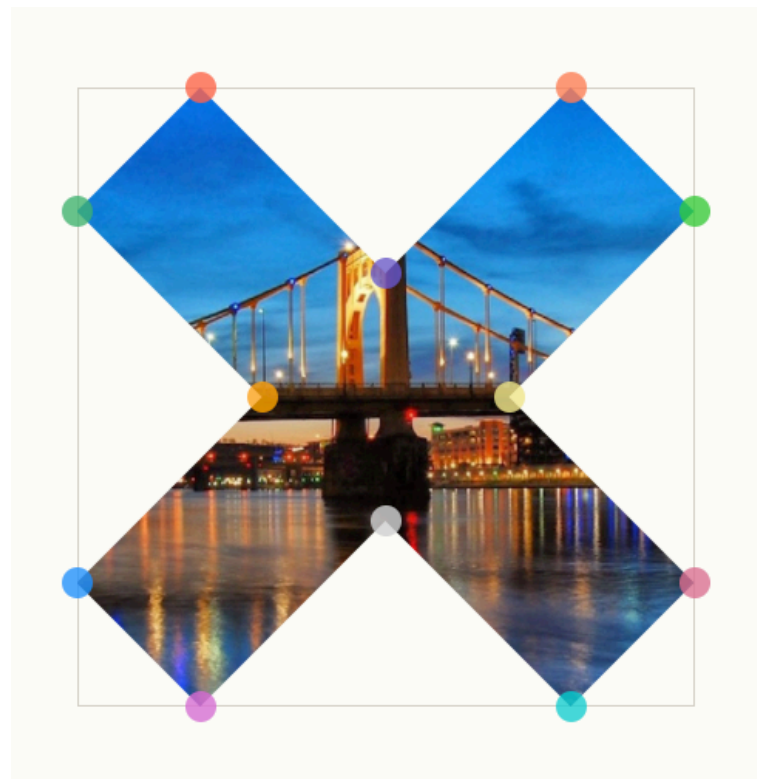*82% 100%*

- Inset
- Circle
- Ellipse
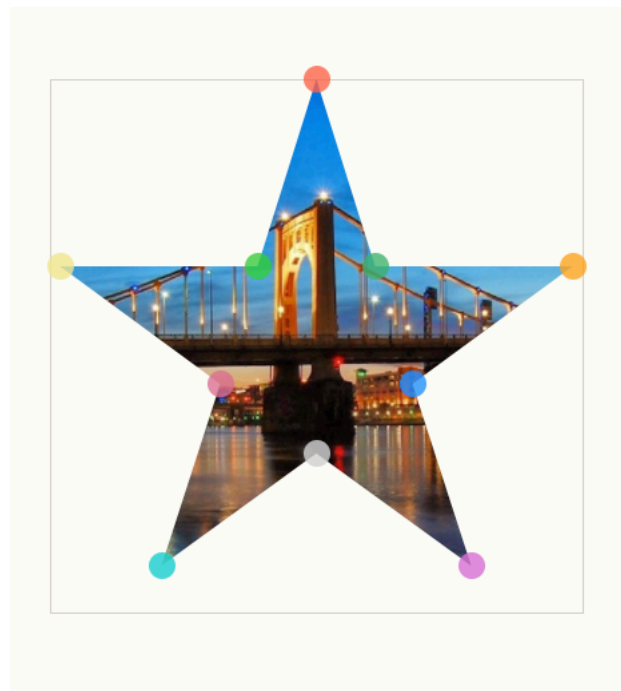- **Polygon**

clip-path: polygon();


```
clip-path: polygon(20% 0%, 0% 20%, 30% 50%, 0% 80%, 20% 100%, 50% 70%, 80% 100%, 100% 80%, 70% 50%, 100% 20%, 80% 0%, 50% 30%);
```

CLIP-PATH

- Inset
- Circle
- Ellipse
- **Polygon**

clip-path: polygon();


```
clip-path: polygon(50% 0%, 61% 35%, 98% 35%, 68% 57%, 79% 91%, 50% 70%, 21% 91%, 32% 57%, 2% 35%, 39% 35%);
```

To generate clip path code

👎🏼

https://bennettfeely.com/clippy/