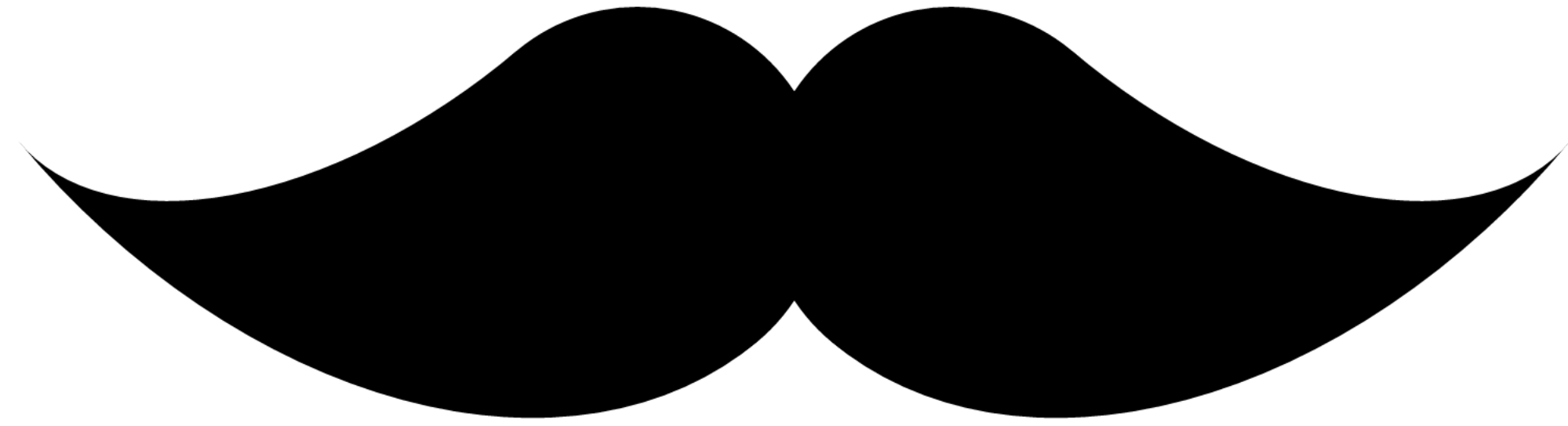
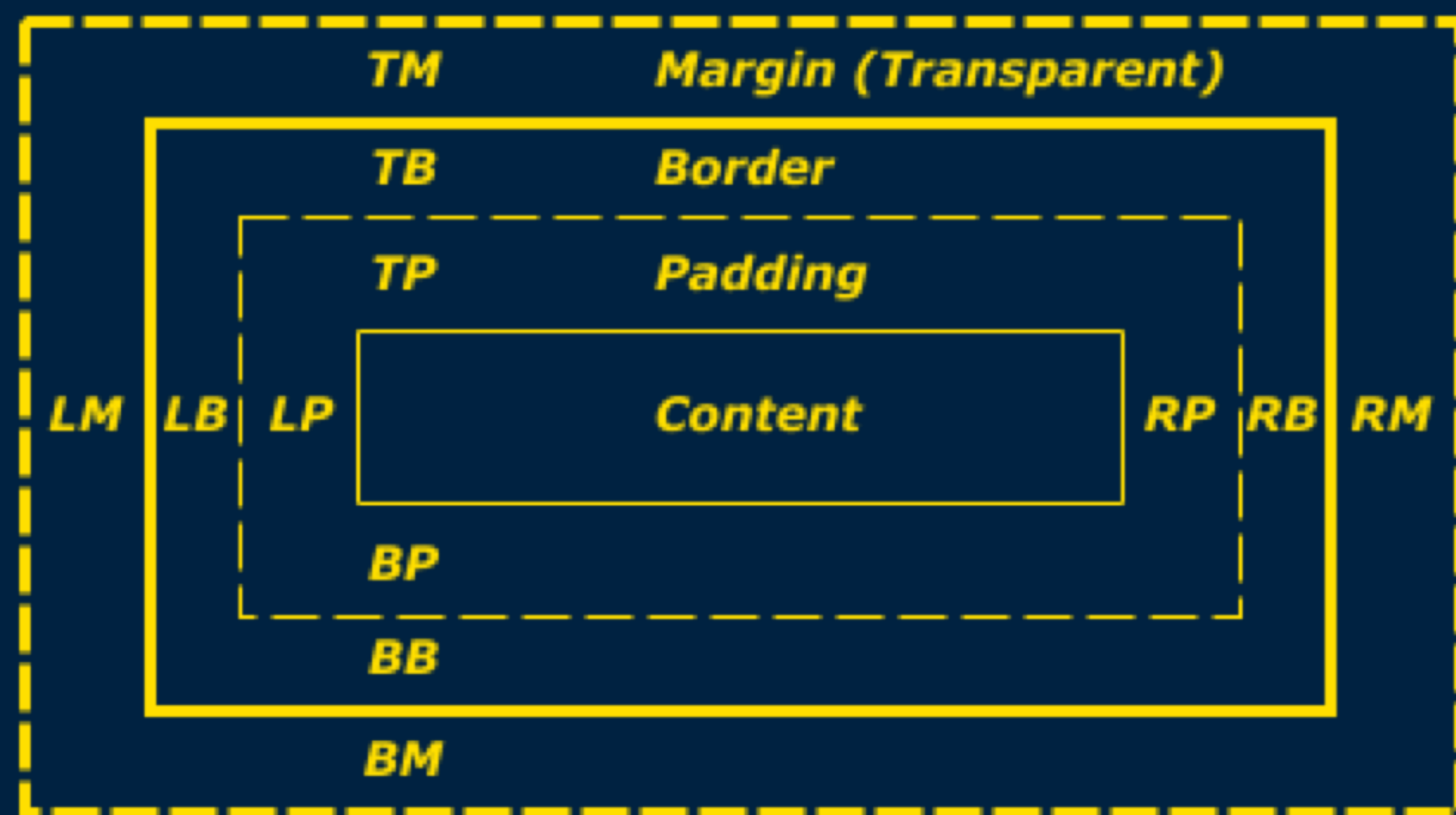



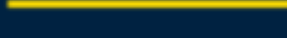
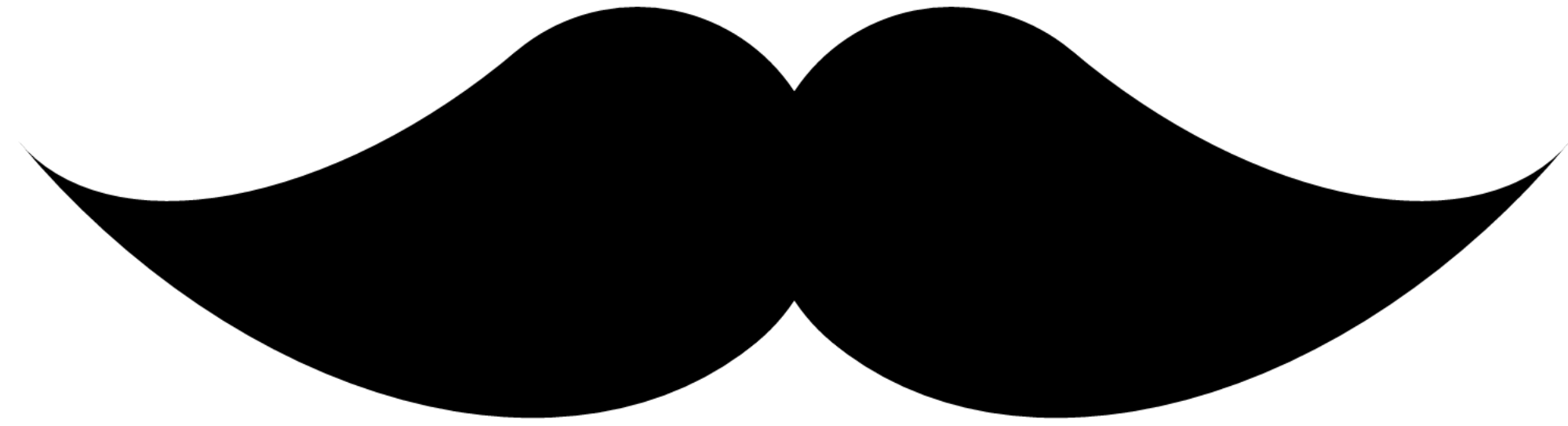


# CSS的隐藏绘画功能 和交互动画技巧





-  Margin edge
-  Border edge
-  Padding edge
-  Content edge



# 1

每一个div元素都自带2个伪元素，pseudo element，也就是before 和 after 元素。这样以来，任何html元素都提供3个可供我们操控形状的视觉元素，即三个矩形。

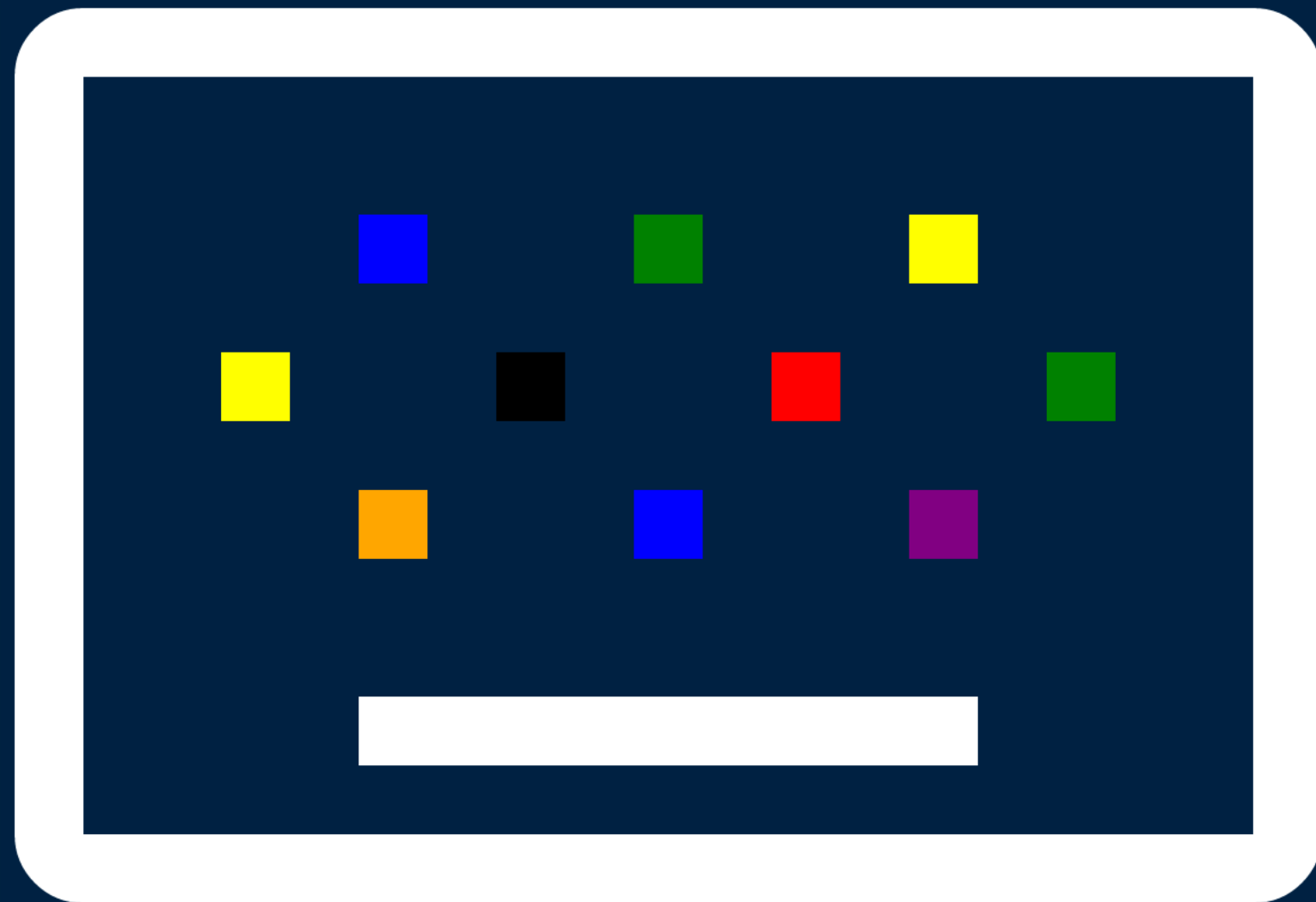
```
div::before {}  
div::after {}
```

# 2

**box-shadow**是可以定义为任意颜色的，并且，同一个元素可以投射出任意多数量的不同**box-shadow**







```
.keyboard.icon:before {  
  content: '';  
  position: absolute;  
  width: 3px;  
  height: 3px;  
  box-shadow:  
    -2px 0 0 -1px black,  
    2px 0 0 -1px red,  
    0 -2px 0 -1px green,  
    0 2px 0 -1px blue,  
    -6px 0 0 -1px yellow,  
    6px 0 0 -1px green,  
    -4px -2px 0 -1px blue,  
    -4px 2px 0 -1px orange,  
    4px -2px 0 -1px yellow,  
    4px 2px 0 -1px purple;  
}
```

# 3

矩形的四个顶点可以有不统一的**border-radius**,  
我们可以一一分别定义。并且, 每个顶点的两条边  
都可以有不同的**border-radius**







```
border: 6px solid #E0EFFF;  
border-radius: 200px 0 0 0;
```



```
border: 6px solid #E0EFFF;  
border-radius: 0 200px 0 0;
```



```
border: 6px solid #E0EFFF;  
border-radius: 0 0 0 200px;
```



```
border: 6px solid #E0EFFF;  
border-radius: 0 0 200px 0;
```

# 4

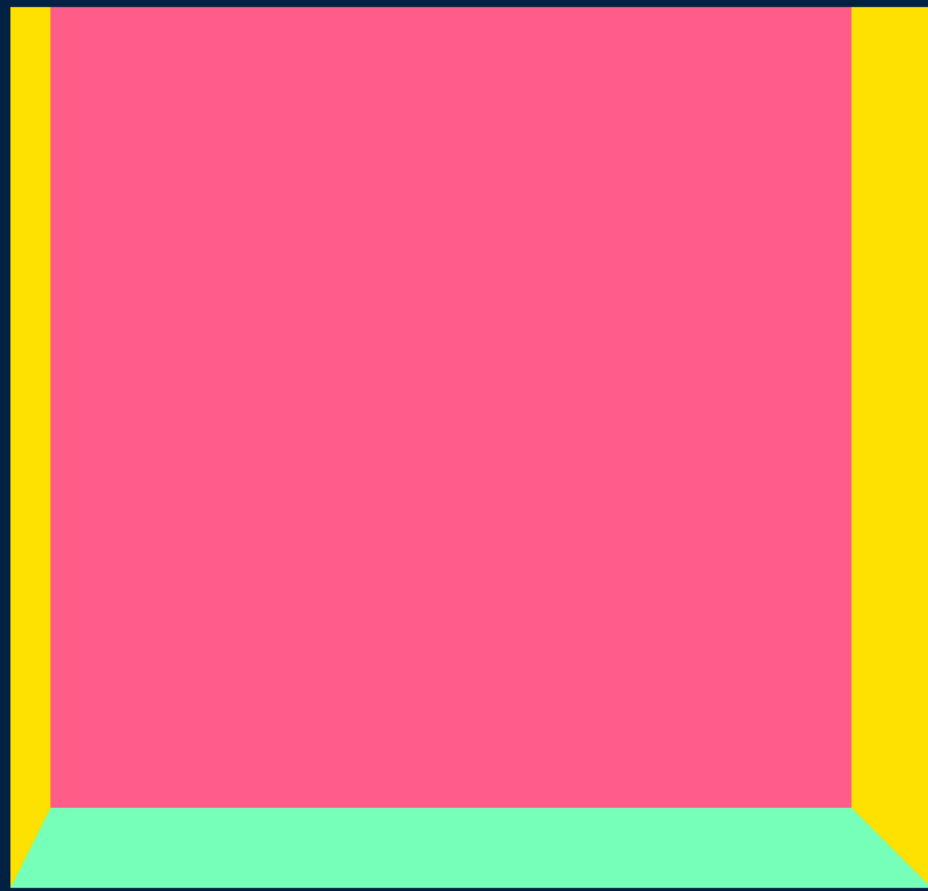
矩形的四条border，不一定永远是一个长条矩形的形状。

他在正常情况下是一个梯形的形状，在我们改变这条边相邻的另外两条边的参数时，它的形状会相应得到改变。

当我们在这条边的两个顶点加一些border-radius圆角值的时候，这个形状还会有更奇异不可预知的形变。

我们可以通过这两个性质，探索出很多意想不到的形状。





```
.borders {  
  width: 300px;  
  height: 300px;  
  background-color: red;  
  border-radius: 0;  
  border-left: solid 15px yellow;  
  border-right: solid 30px yellow;  
  border-bottom: solid 30px green;  
}
```



```
.borders {  
  width: 300px;  
  height: 300px;  
  background-color: red;  
  border-radius: 100px;  
  border-left: solid 15px yellow;  
  border-right: solid 30px yellow;  
  border-bottom: solid 30px green;  
}
```

现场代码演示！





交互设计师兼前端开发  
**ADOBE TYPEKIT**

**underline.js, responsify.js, typedetail.com**  
**cssicon.space, designresearch.space**

**Twitter: @DesignJokes**

**Github: wentin**



张文婷

幽默笑话

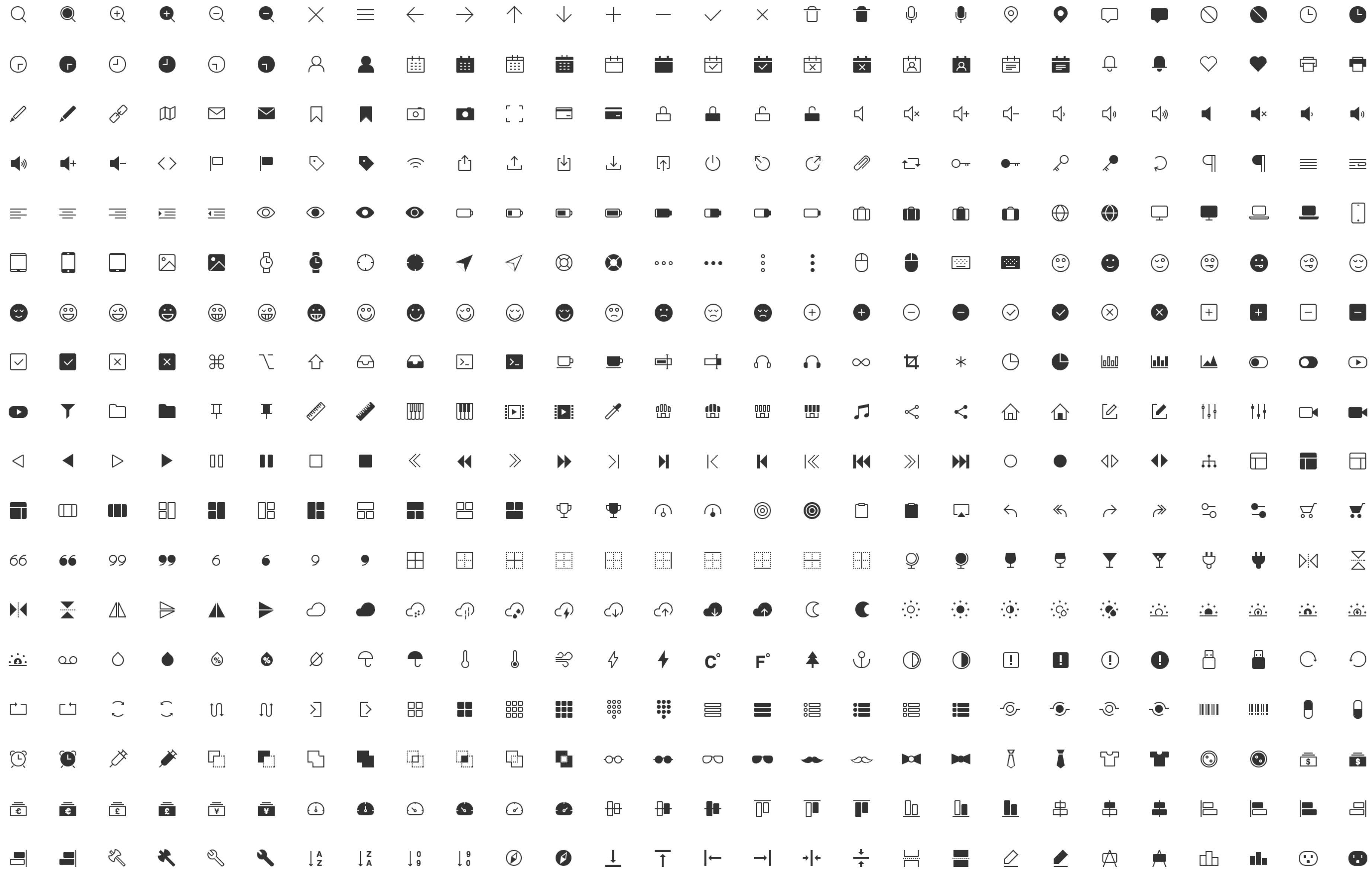
icon设计

字体设计

网页字体排版

...

深度拖延症

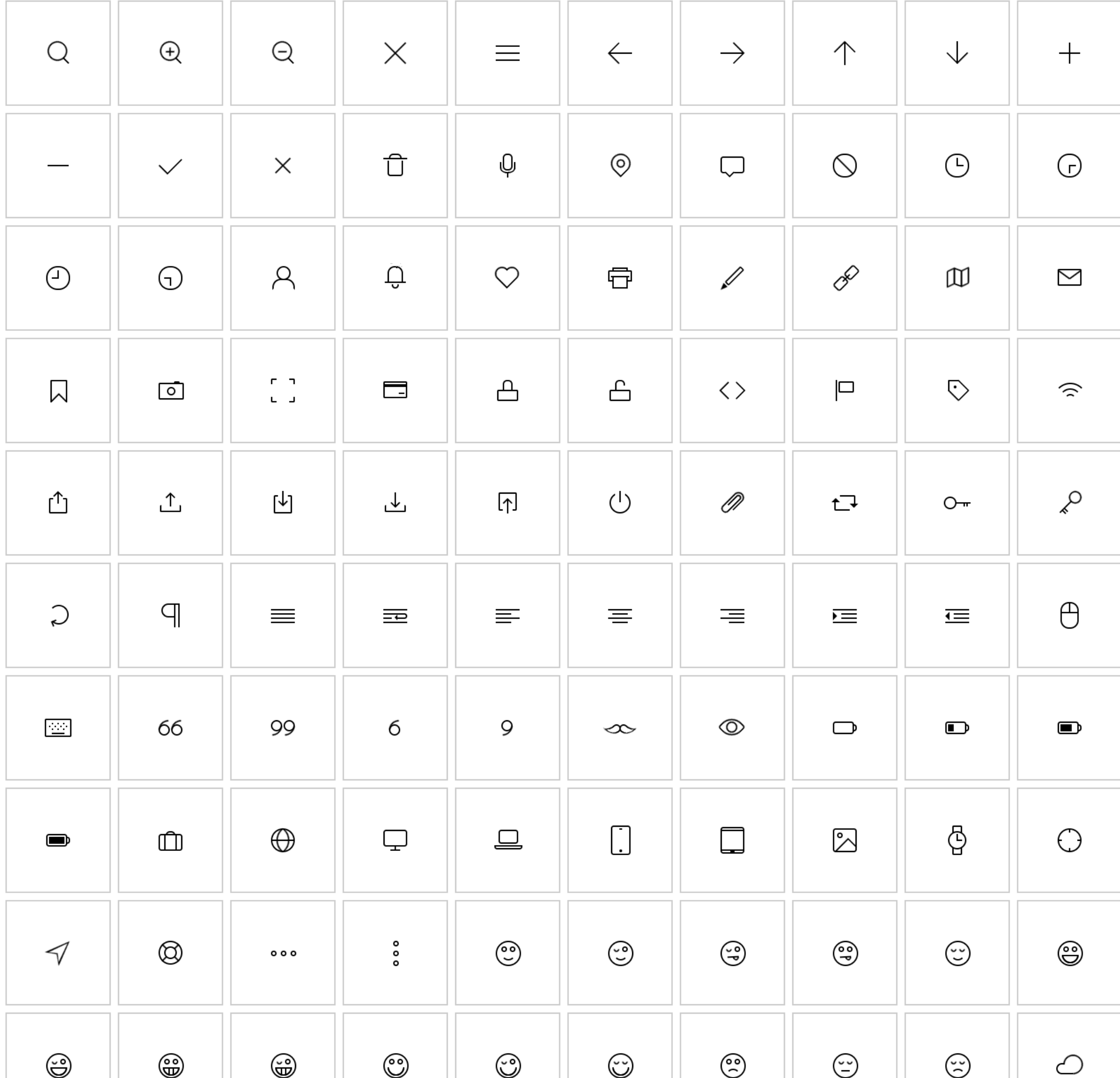


512 ICONS

<http://cssicon.space/>



# CSS ICON animate



## mustache solid

TRY IT ON CODEPEN

### HTML

```
<div class="mustache-solid icon"></div>
```

### CSS

```
.mustache-solid.icon {
  color: #000;
  position: absolute;
  width: 6px;
  height: 6px;
  border-radius: 50%;
  box-shadow: 5px 8px 0 0 currentColor,
  10px 8px 0 0 currentColor;
}
.mustache-solid.icon:before {
  content: '';
  position: absolute;
  left: 1px;
  top: 4px;
  width: 7px;
  height: 4px;
  border-radius: 0 0 0 100%;
  border: 0 solid transparent;
  border-bottom: 6px solid currentColor;
  -webkit-transform-origin: right 7px;
```

# CSS变量

```
--mouse-x: 0.1;
```

# 使用CSS变量

```
var(--mouse-x)
```

## CSS变量结合calc计算公式

```
left: calc(1000px * var(--mouse-x));
```



## 使用CSS变量，默认值

```
var(--mouse-x, 0.1)
```

## javascript给CSS变量赋值

```
1 var root = document.documentElement;
2
3 document.addEventListener("mousemove", evt => {
4     let x = evt.clientX / innerWidth;
5     let y = evt.clientY / innerHeight;
6
7     root.style.setProperty("--mouse-x", x);
8     root.style.setProperty("--mouse-y", y);
9 })
```



A g

代码所用字体:

CSS Mono 设计: 张文婷

```
style.css
1  .mustache {
2    width: 180px;
3    height: 180px;
4    left: 100px;
5    border-radius: 50%;
6    position: absolute;
7    color: black;
8    box-shadow:
9      150px 240px 0 0 currentColor,
10     300px 240px 0 0 currentColor;
11 }
12 .mustache::before {
13   content: "";
14   position: absolute;
15   left: 30px;
16   top: 120px;
17   width: 210px;
18   height: 120px;
19   border-bottom: solid 180px currentColor;
20   border-radius: 0 0 0 100%;
21   transform: rotate(-40deg);
22   transform-origin: right 210px;
23 }
24 .mustache::after {
25   content: "";
26   position: absolute;
27   left: 390px;
28   top: 120px;
29   width: 210px;
30   height: 120px;
31   border-bottom: solid 180px currentColor;
32   border-radius: 0 0 100% 0;
33   transform: rotate(40deg);
```

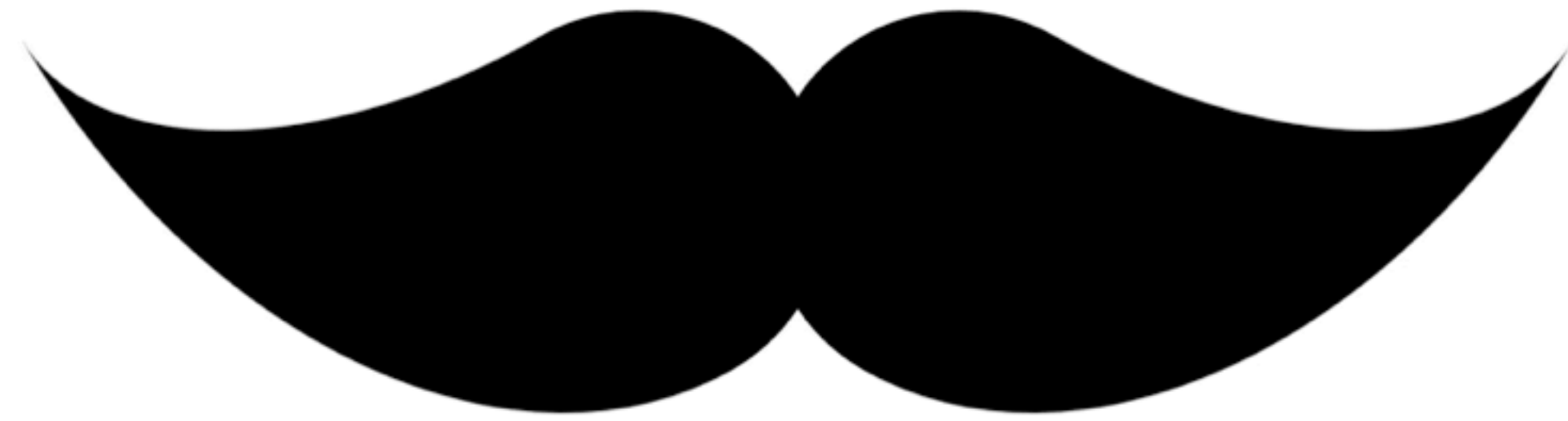


# <http://css-mono.wentin.co/>

```
1 $size: 8;
2
3 body {
4   background: #000;
5   color: #bffa5;
6   font-family: 'CSS Mono';
7   margin: 0;
8 }
9
10 .container {
11   height: auto;
12   left: 50%;
13   min-width: 400px;
14   opacity: 1;
15   overflow: hidden;
16   position: fixed;
17   top: 50%;
18   transform: translate(-50%, -50%) scale(1);
19   width: auto;
20   z-index: 1;
21 }
22 .char {
23   line-height: 0.1;
24   max-height: $size + px;
25   max-width: $size + px;
26   min-width: $size + px;
27   text-align: center;
28 }
29 }
30 }
31
32 .button {
33   background-color: white;
34   color: black;
35   font-size: $size + px;
36   left: 50%;
37   padding: $size / 8 + px $size / 2 + px;
38   position: fixed;
39   text-align: center;
40   top: 50%;
41   transform: translate(-50%, -50%);
42   transition: all 0s ease;
43   z-index: 99;
44 }
45 &:hover {
46   cursor: pointer;
47   transform: translate(-50%, -50%) scale(1.5);
48 }
49 }
50
51 main {
52   font-size: 2rem;
53   margin: 0 auto;
54   max-width: 800px;
55   width: 60%;
56 }
57
58 h1 {
59   font-size: 1.7em;
60   line-height: 1.8em;
61   margin-top: 3em;
62   text-align: center;
63 }
64
65 p {
66   -webkit-margin-after: 1em;
67   -webkit-margin-before: 1em;
68   -webkit-margin-end: 0px;
69   -webkit-margin-start: 0px;
70 }
71
72 @media all and (max-width: 1000px) {
73   h1 {
74     font-size: 10vw;
75   }
76 }
77
78 main {
79   font-size: 1.6rem;
80 }
```

 **@DesignJokes**





谢谢大家!

谢谢大家!