Welcome!

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Week 7

CSS Tricks to Win at Life

How can we...

Make our designs more interesting?
Give them more personality?
Make them stand out?

New in our toolbox

Shadows

Border tricks

Rounded corners

Gradients

If time: filters and variables

Shadows!

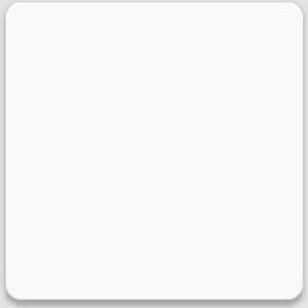
The Web is a flat surface :(

With shadows, we can create an illusion of depth to our designs.

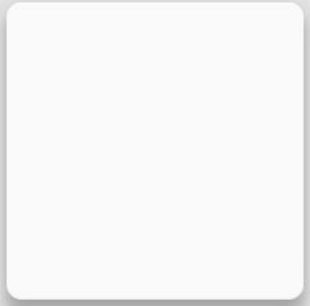
Depth = Hierarchy!

Shadows and depth

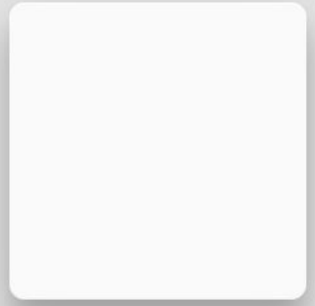
2dp



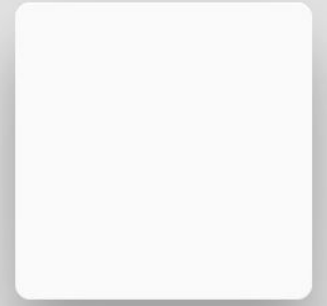
6dp

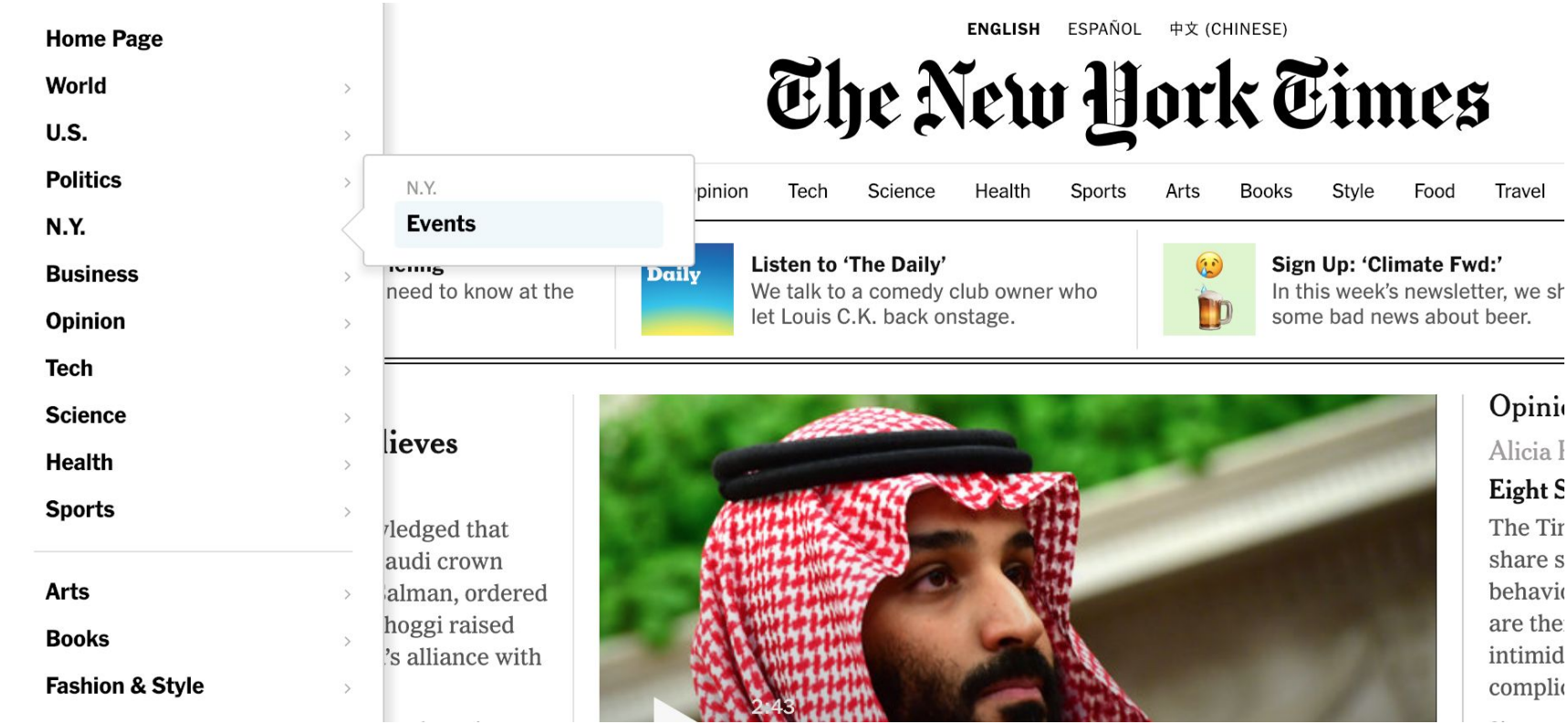


12dp



24dp

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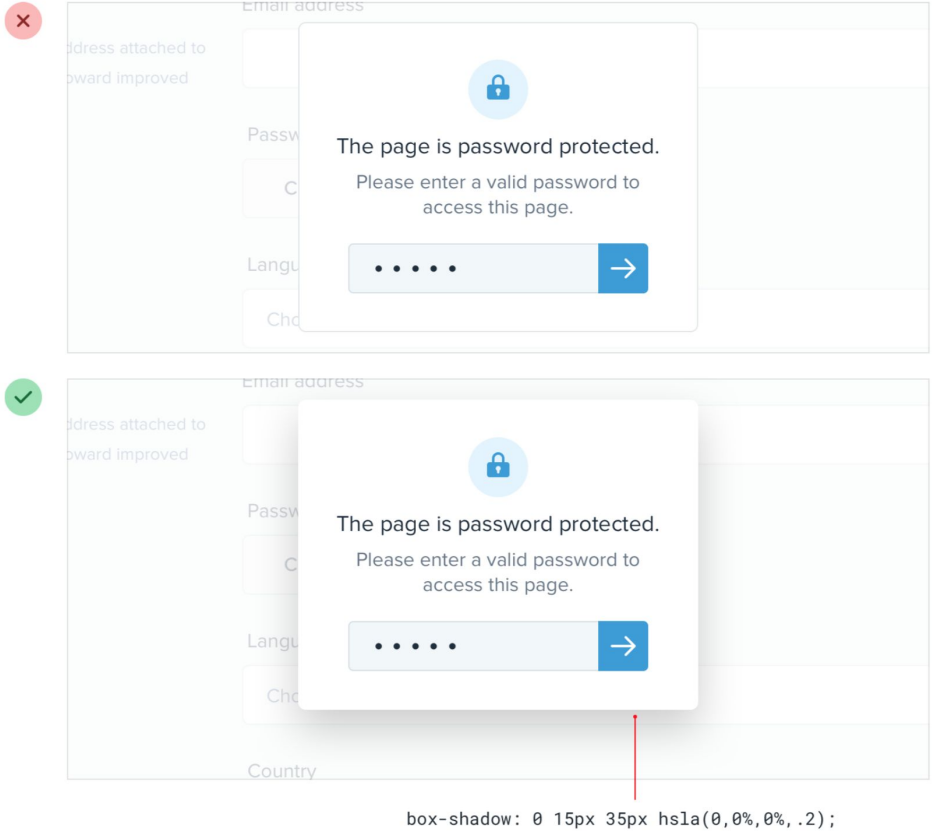
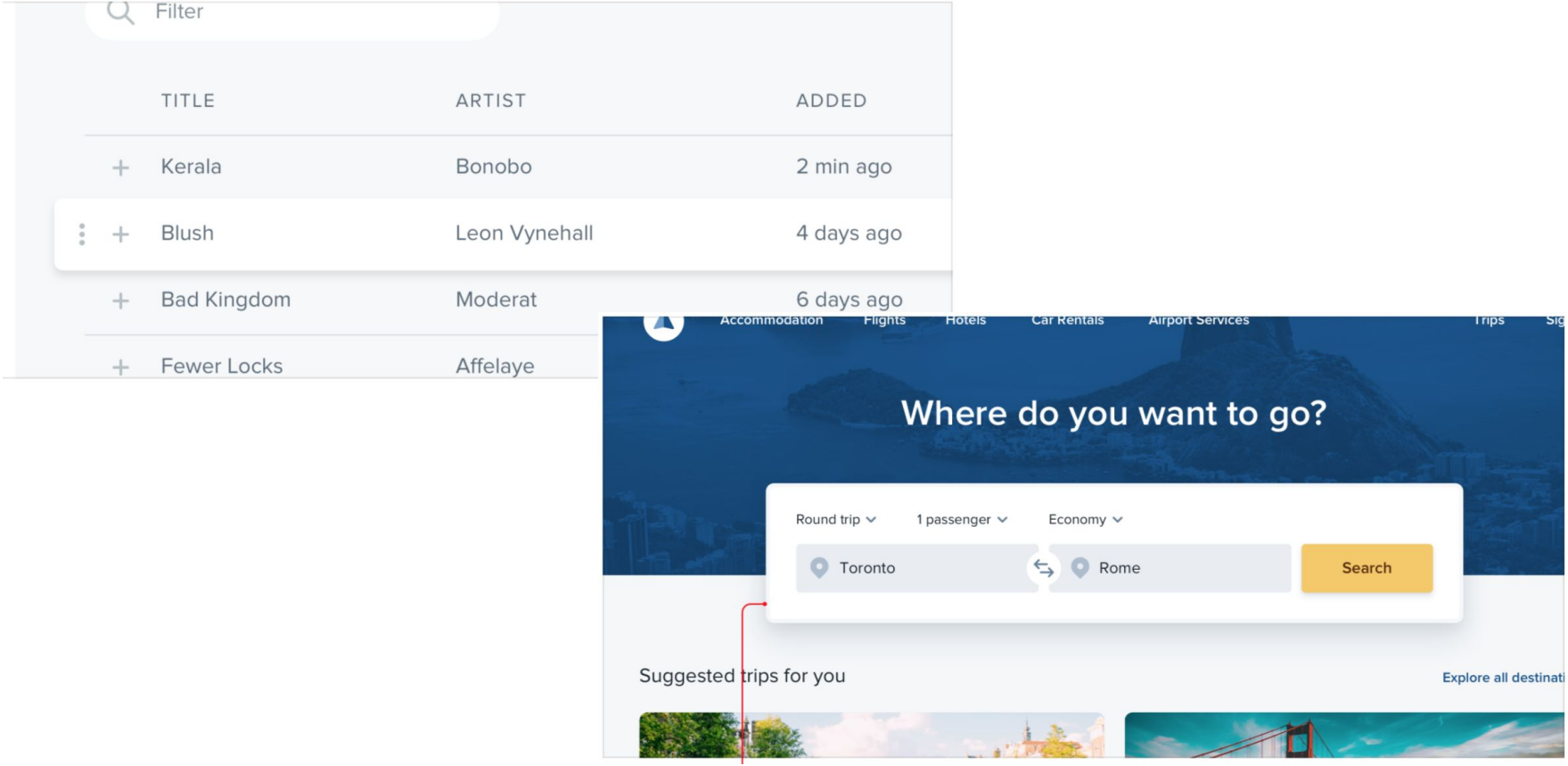
Sign Up: 'Climate Fwd:'
In this week's newsletter, we
some bad news about beer.
2:43



Shadows create depth [source: Refactoring UI]



Shadows create depth, part 2 [source: Refactoring UI]

Shadows in CSS

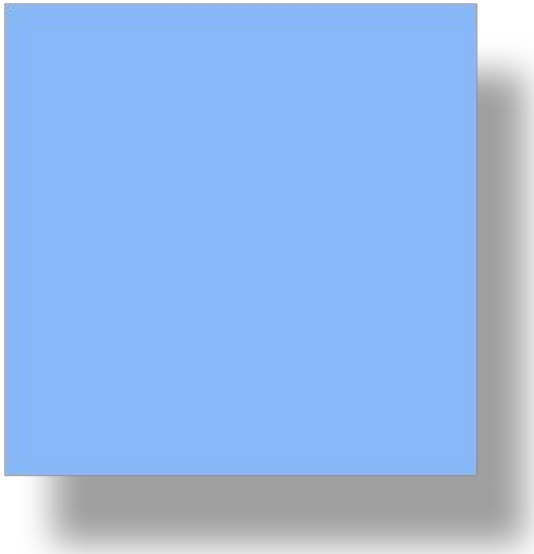
```
box-shadow: 3px 5px 12px 4px black;
```

Shadows in CSS

```
box-shadow: x offset y offset blur spread color;

box-shadow: Vertical offset
            Horiz. Offset
            How blurry is it?
            How big is it?
            Color;
```

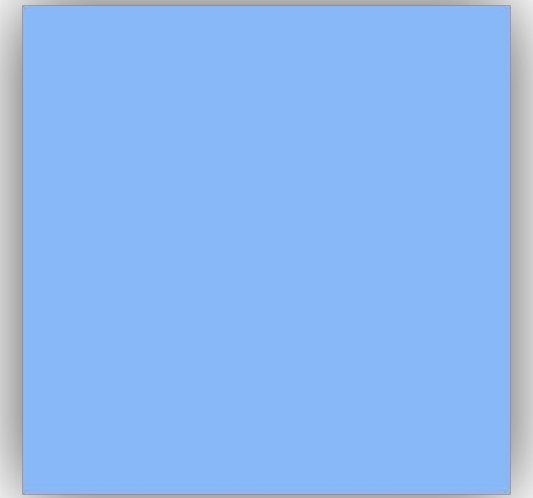
CSS box-shadow

```css
.my-box {
    background-color: #7BBAFF;
    height: 100px;
    width: 100px;

    /* Blurry shadow offset bottom right */
    box-shadow: 6px 10px 8px 0 grey;
}
```



CSS box-shadow

```css
.my-box {
    background-color: #7BBAFF;
    height: 100px;
    width: 100px;

    /* Blurry shadow centered */
    box-shadow: 0 0 25px 0
           rgba(0, 0, 0, 0.7);
}
```

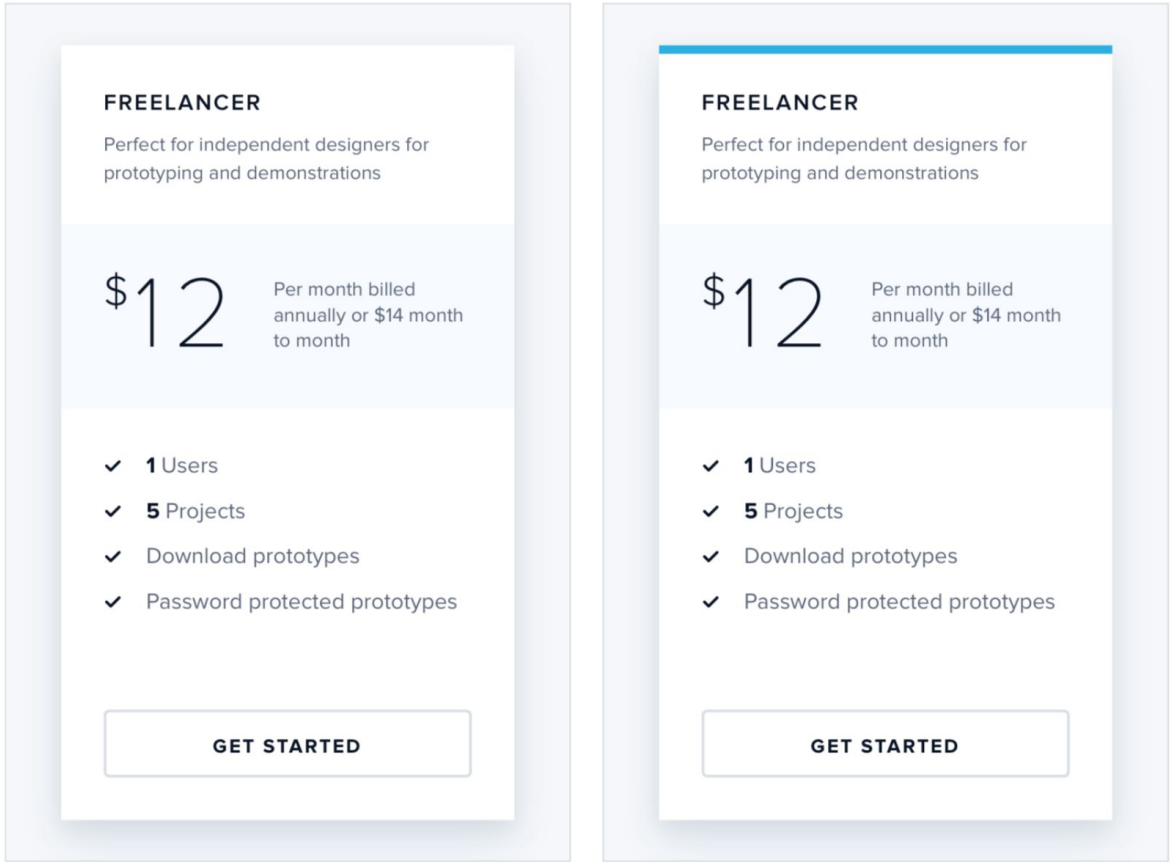


~ Shadow Demo ~

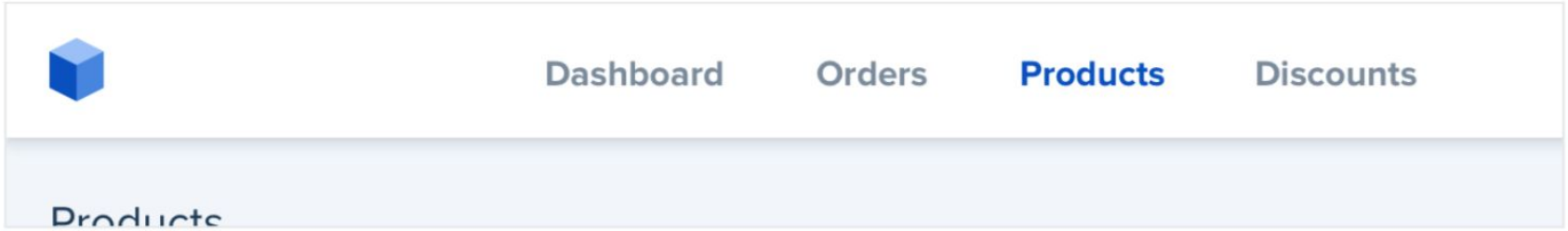
Border tricks

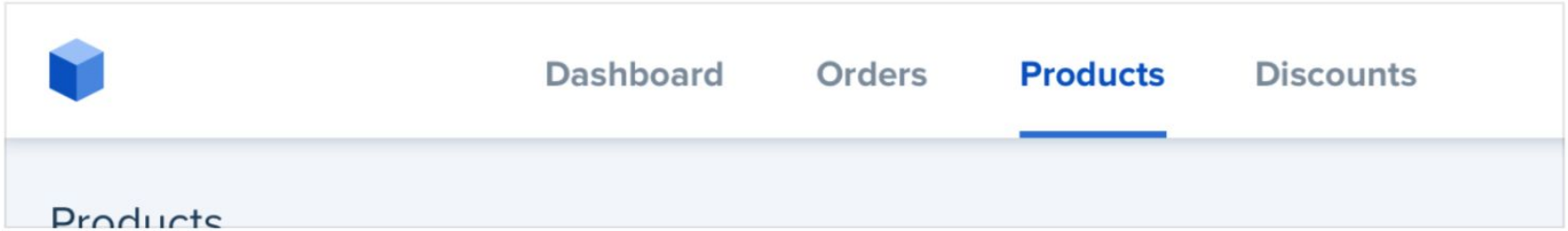
Borders don’t always have to be on all sides.

We can use borders to and
accents and a pop of color.



Accent borders [Refactoring UI]





Accent borders [Refactoring UI]

Accent borders

```
border-bottom: 3px solid red;
```

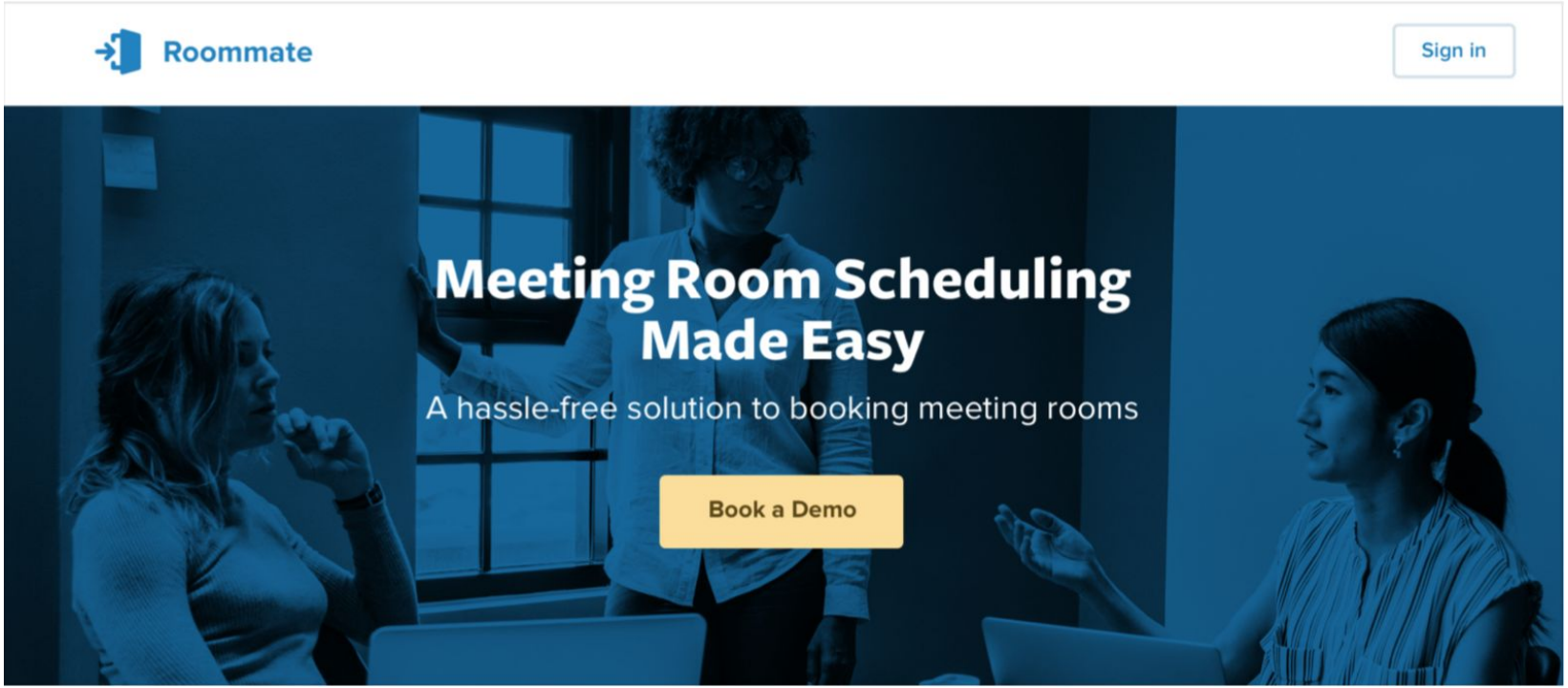
```
border-bottom: thickness style color;
```

~ Let’s add some borders 🎉 ~

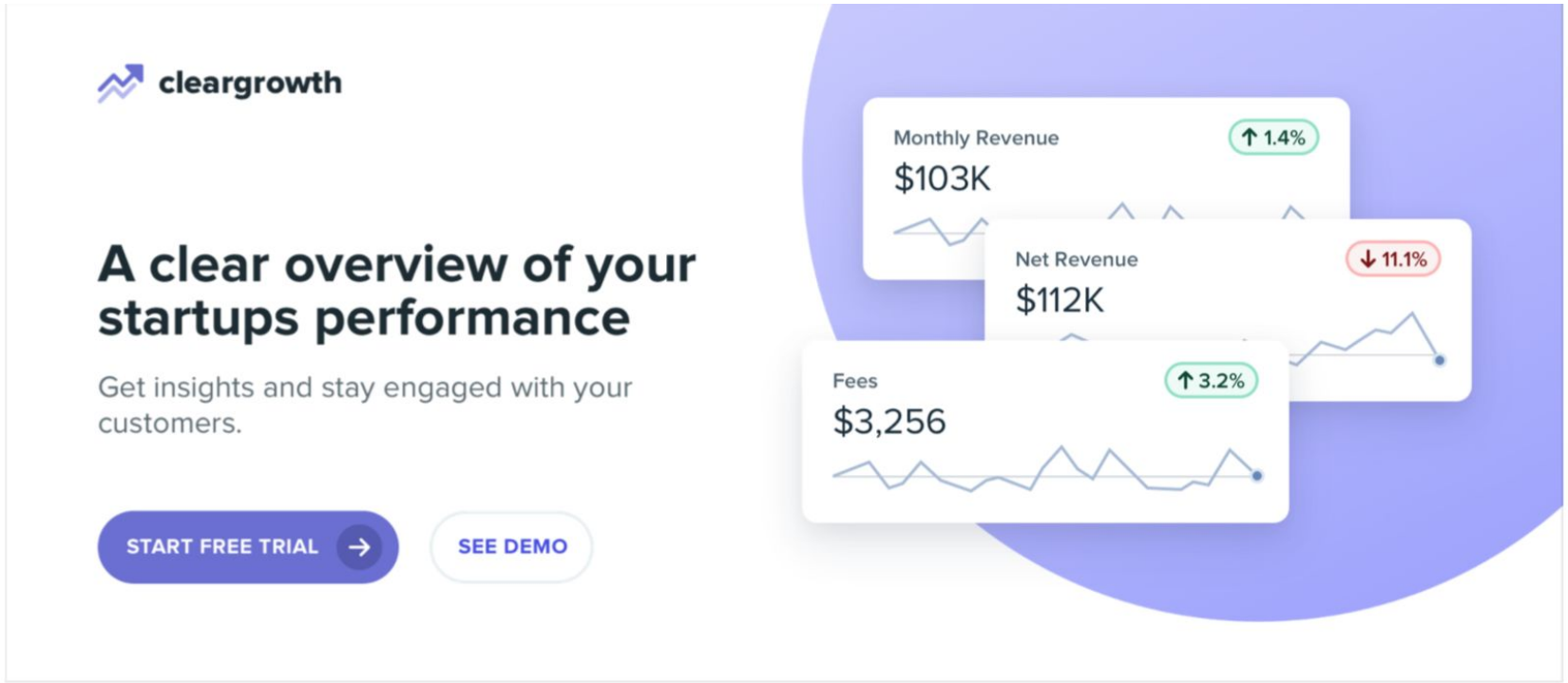
Rounded corners

Rounded corners feel friendly, animated, fun.
Sharp corners feel classy, formal, professional.

Most corners are 2px - 8px curved.



Border-radius [Refactoring UI]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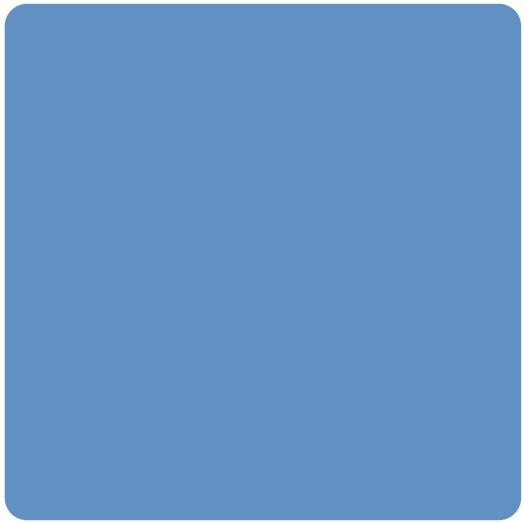
Border-radius [Refactoring UI]

Curved corners

```
// uniform in all 4 corners
border-radius: 4px;

// different curves in 4 corners
border-top-right-radius: 4px;
...etc.
```

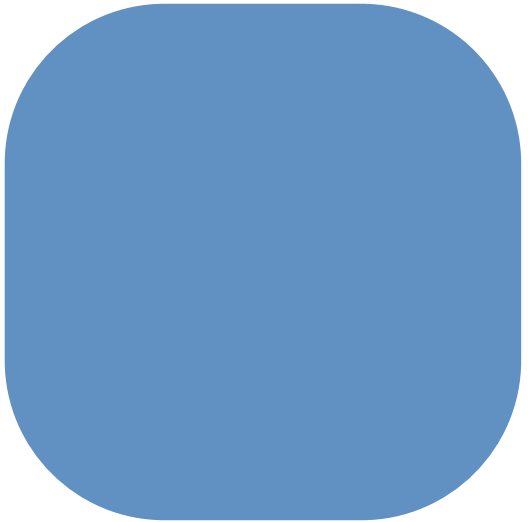
CSS border-radius

```css
.my-box {
    background-color: #7BBAFF;
    height: 100px;
    width: 100px;

    /* border radius */
    border-radius: 6px;
}
```



CSS border-radius

```css
.my-box {
    background-color: #7BBAFF;
    height: 100px;
    width: 100px;

    /* border radius */
    border-radius: 30%;
}
```

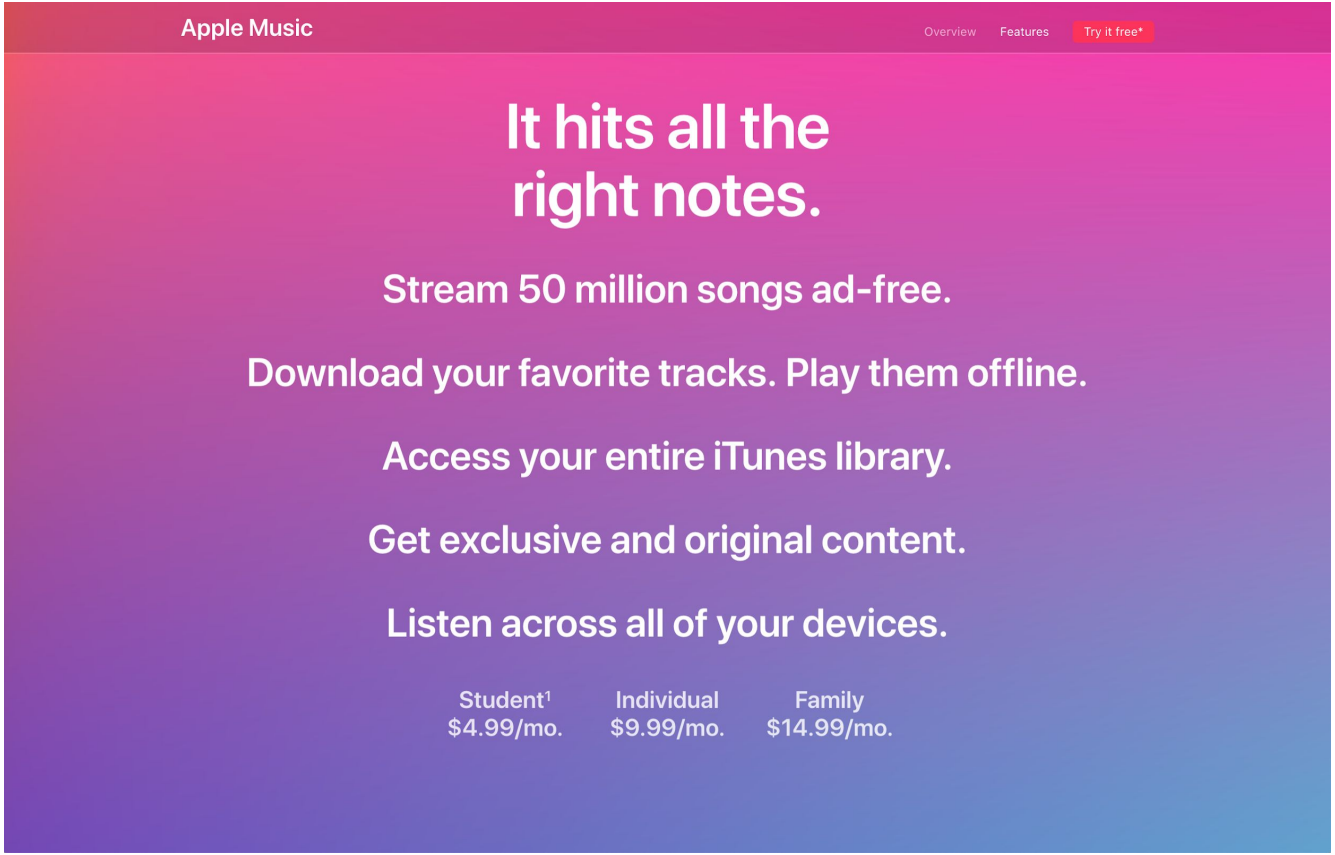


~ Let's *curve some corners* ~

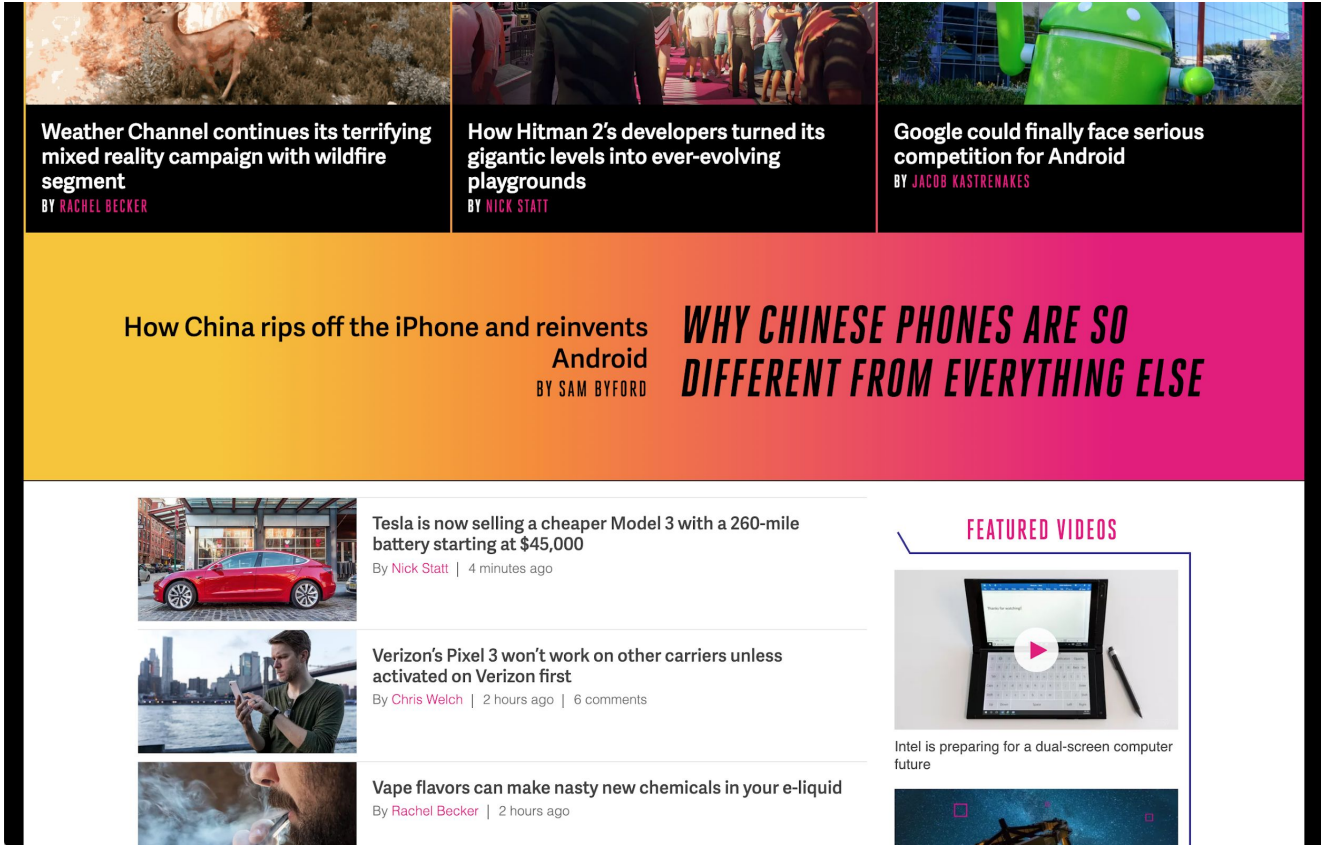
Gradients!

Gradient

Image consisting of a smooth transition between two or more colors in a certain direction



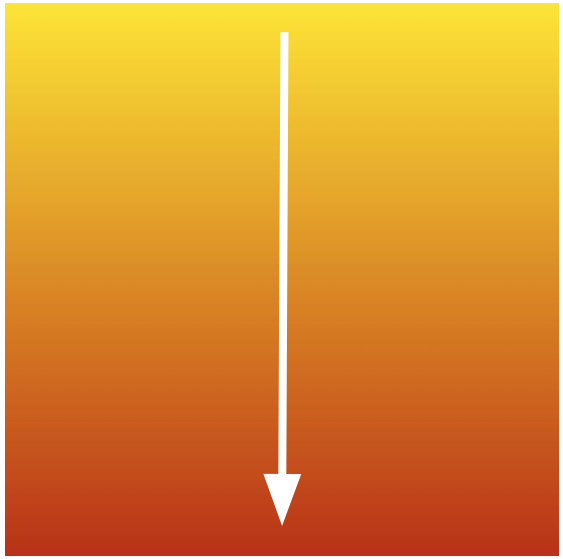
Gradients @ Apple Music



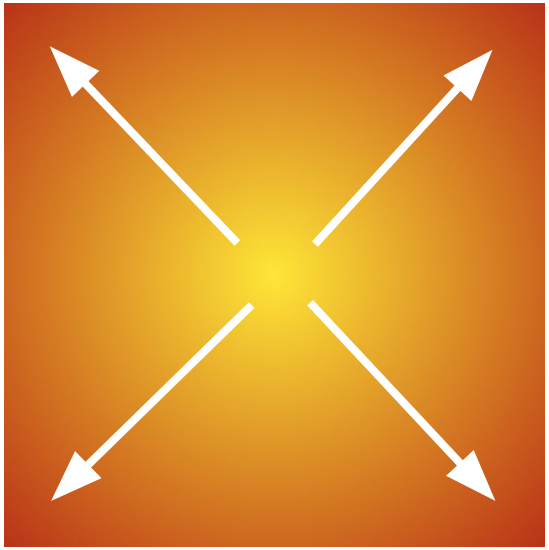
Gradients @ The Verge

Types of gradients

Linear gradient

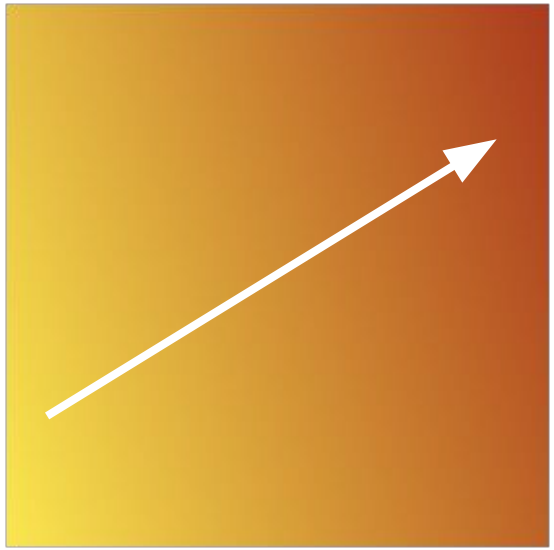


Radial gradient

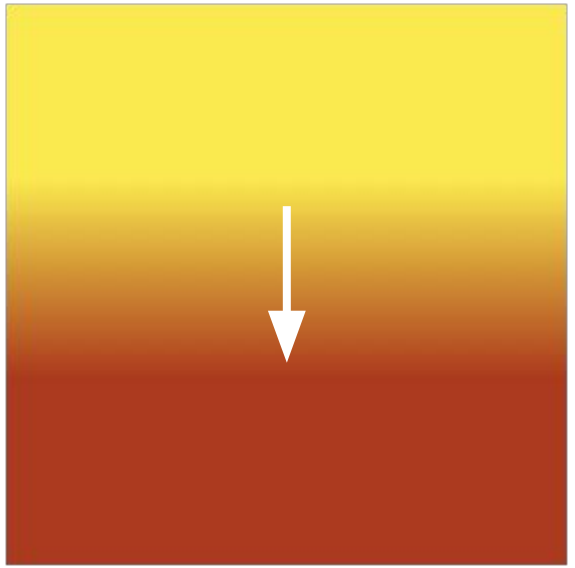


Linear gradients

Linear gradient



Linear gradient with stops



CSS Linear Gradient

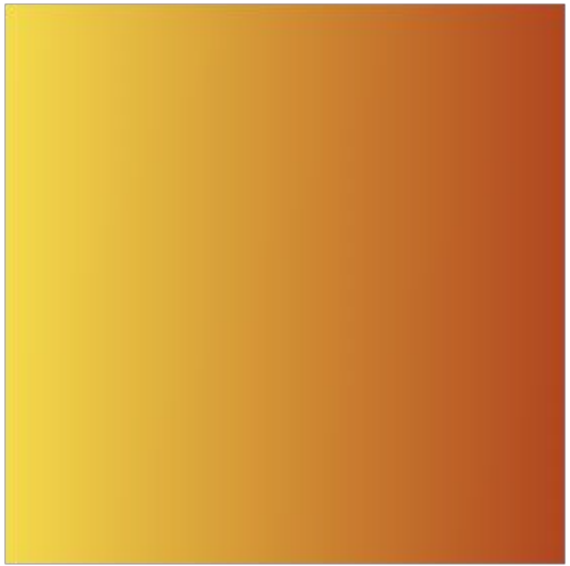
```
background: linear-gradient(direction,
                color stop, color stop, ...);
```

CSS Linear Gradient

```
background: linear-gradient(direction,
              color stop, color stop, ...);

background: linear-gradient(to right, red,
              blue);
background: linear-gradient(60deg,
              #eee 20%, #bbb 60%, #456 100%);
```

linear-gradient

```
#fancy-box {
    height: 100px;
    width: 100px;

    /* Simple gradient */
    background: linear-gradient(to right,
           yellow, red);
}
```

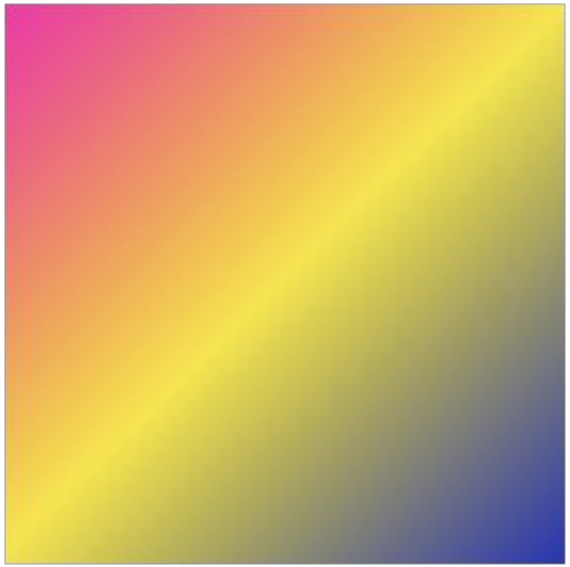


linear-gradient at an angle

```
#fancy-box {
    height: 100px;
    width: 100px;

    /* Gradient with stops */
    background: linear-gradient(-45deg,
           pink 50%, blue 100%);
}
```

linear-gradient with 3 colors

```
#fancy-box {
    height: 100px;
    width: 100px;

    /* Multi-color gradient */
    background: linear-gradient(-45deg,
            pink 0%, yellow 50%, blue 100%);
}
```



~ Very fancy gradient demo ~

CSS Filters & CSS Variables

(a brief look)

github.com/webdesigndecal <- the lyrics page link from today!

Attendance