10 Powerful

CSS

Pro Tips

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1 Prevent Wrapping Of Text

white-space: nowrap;

The quick brown fox jumps over the lazy dog

→

The quick brown fox ju

2 Reset all the properties of an element

all: unset;

```
button {
  background: none;
  border: none;
  color: inherit;
  font: inherit;
  outline: none;
  padding: 0;
}
```

```
button{
  all: unset;
}
```

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3 Make Each Columns of Table of Equal Width

```
table {
    table-layout: fixed;
}
```

Uneven width

Even width

NAME	EMAIL
Michael Scott	michaelscott@dundermifflin.com
Dwight Kurt Schrute	dwightKurtSchrute@dundermifflin.com
Andy Bernard	andybernardthenarddog@corrnelplusdundermifflin.com

NAME	EMAIL
Michael Scott	michaelscott@dundermifflin.com
Dwight Kurt Schrute	dwightKurtSchrute@dundermifflin.com
Andy Bernard	andybernardthenarddog@corrnelplusdundermifflin.com

4 Give broken images a little bit of aesthetics

```html
<img
    src="https://images.unsplash.com/photo-12223"
    alt="Nature" />
```

Nature

Broken Image of Nature

```css
img:before {
    content: ' ';
    display: block;
    position: absolute;
    top: -10px;
    left: 0;
    height: calc(100% + 10px);
    width: 100%;
    background-color: rgb(230, 230, 230);
    border: 2px dotted rgb(200, 200, 200);
    border-radius: 5px;
}
```

```css
img:after {
    content: '\f127'' Broken Image of attr(alt)';
    display: block;
    font-size: 16px;
    font-style: normal;
    font-family: FontAwesome;
    color: rgb(100, 100, 100);
    position: absolute;
    top: 5px;
    left: 0;
    width: 100%;
    text-align: center;
}
```

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5 Limit text to N number of lines

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Before

Limits to 3 lines

```
p {
    overflow: hidden;
    text-overflow: ellipsis;
    display: -webkit-box;
    -webkit-line-clamp: 3;
    -webkit-box-orient: vertical;
}
```

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After

Swipe

6 Only apply styles to Firefox Only

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```css
@supports (-moz-appearance: none) {
    p {
        color: red;
    }
}
```

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This style only applies to Firefox

7 Override variable value within a scope

CSS

```html
<div>
    <h1>Michael Scott</h1>
    <h2>Dwight Schrute</h2>
</div>
```

```css
:root {
    --color: green;
}
h1 {
    color: var(--color);
}
h2 {
    color: var(--color);
}
```

Michael Scott

Dwight Schrute

Michael Scott

Dwight Schrute

```css
:root {
    --color: green;
}
h1 {
    color: var(--color);
}
h2 {
    --color: red;
    color: var(--color);
}
```

Change the color for h2 only.

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8 We can let user resize an element

```css
div {
    border: 2px solid;
    padding: 20px;
    width: 300px;
    resize: both;
    overflow: auto;
}
```

```html
<div>
 <p>
  You can resize the height and width of this div
 </p>
</div>
```

You can resize the height and width of this div

9 Make sure to reset default browser styles

```css
html, body, div, h1, h2, h3, h4, h5, h6, ul, ol,
li, p, blockquote,
pre, form, fieldset, table, th, td
{
   margin: 0;
   padding: 0;
}
```

Since browsers apply their own default styles, make sure to reset when you start so that you can have consistent styles on all browsers

10 :focus-within pseudo class

If you have multiple focusable elements within an element then applying :focus-within will take effect when any of its descendents are focused. Can be used to highlight form when any of its input element are focused.

```html
<form>
    <label for="given_name">Type anything:</label>
    <input id="given_name" type="text" />
    <br />
    <button type="button">Press me</button>
</form>
```

```css
form {
    border: 1px solid;
    color: gray;
    padding: 4px;
}
form:focus-within {
    background: #18fbb7;
    color: black;
}
input {
    margin: 4px;
}
```

The form will turn into green whenever you focus either button or input

Type anything: asas

Press me