

Intro to CSS

WEEK 3

CSS

**Cascading
Style
Sheets**

Cascading

Styles can fall (or **cascade**) from one style sheet to another, enabling multiple style sheets to be used on one HTML document.

A style sheet language used for describing the presentation of a document written in a markup language like HTML

[MORE INFO >>]

HTML + CSS

3 WAYS TO INTEGRATE CSS INTO YOUR HTML

Inline style

Style is defined inside the element as a style attribute

```
style="width:300px;"
```

```
style="width:100%;"
```

```
style="width:100%; height:auto;"
```

Internal style sheet

Style is defined inside the page document, in the `<head>` element of the page.

```
<head>
    <meta charset="utf-8">
    <meta name="description" content="My webpage">
    <title>My Page</title>
    <meta name="keywords" content="HTML, CSS, NewSchool">
    <meta name="author" content="New School: Web Design I">

    <style>
        p {
            text-align: center;
        }

        .green_text{
            color:green;
        }
    </style>

</head>|
```

Internal style sheet

Style is defined inside the page document, in the `<head>` element of the page.

```
<head>
    <meta charset="utf-8">
    <meta name="description" content="My webpage">
    <title>My Page</title>
    <meta name="keywords" content="HTML, CSS, NewSchool">
    <meta name="author" content="New School: Web Design I">

    <style>
        p {
            text-align: center;
        }

        .green_text{
            color:green;
        }
    </style>

</head>|
```

External style sheet

```
<!doctype html>
<html lang="en">

<head>
  <meta charset="utf-8">
  <meta http-equiv="x-ua-compatible" content="ie=edge">
  <title>Video</title>
  <meta name="description" content="Example A">
  <meta name="keywords" content="HTML, CSS, NewSchool">
  <meta name="author" content="New School: Web Design I">

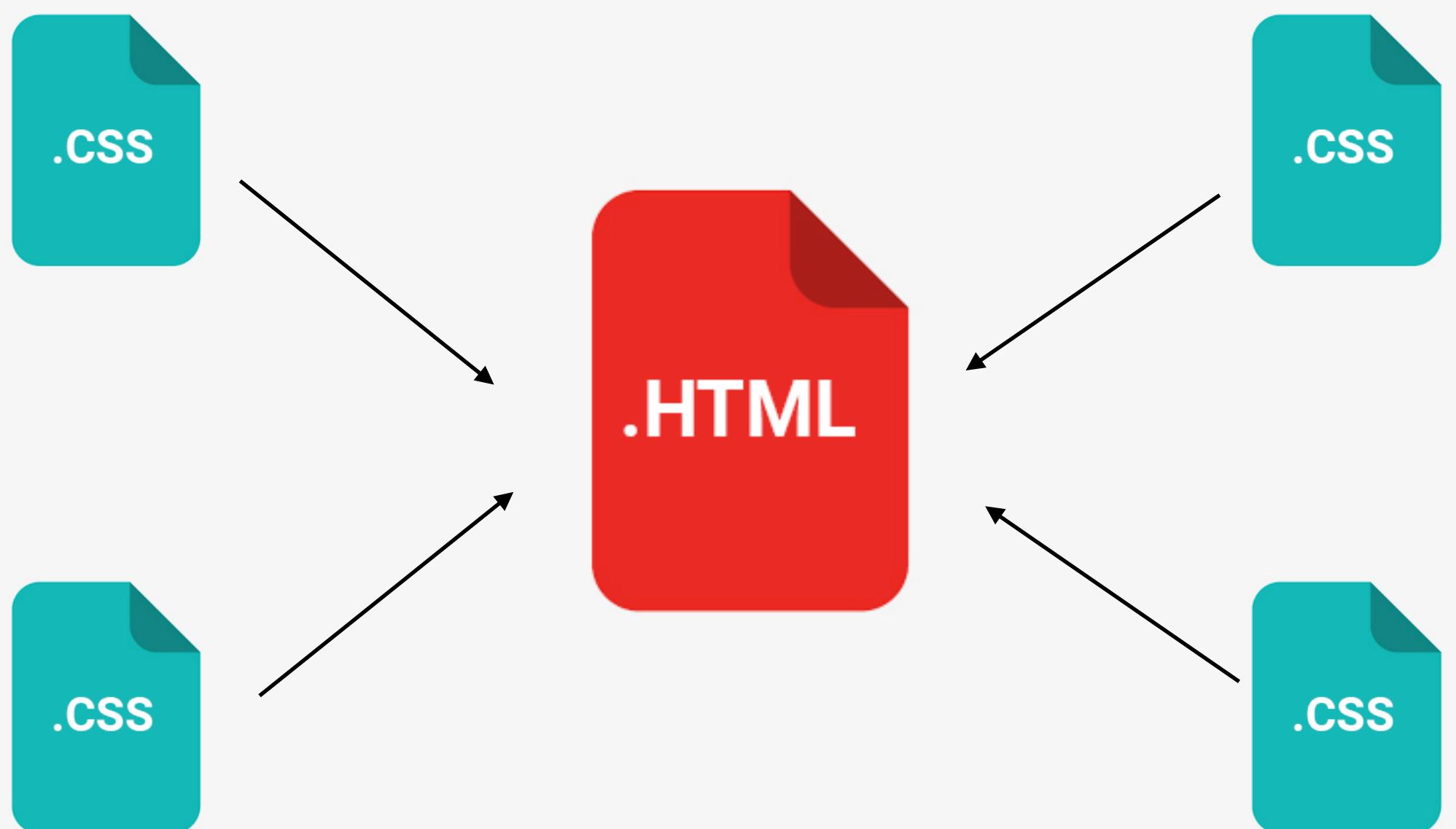
    <!-- THIS IS A LINK TO THE EXTERNAL .CSS -->
    <link rel="stylesheet" type="text/css" href="css/main.css">
    <link rel="stylesheet" type="text/css" href="css/video.css">

</head>
```

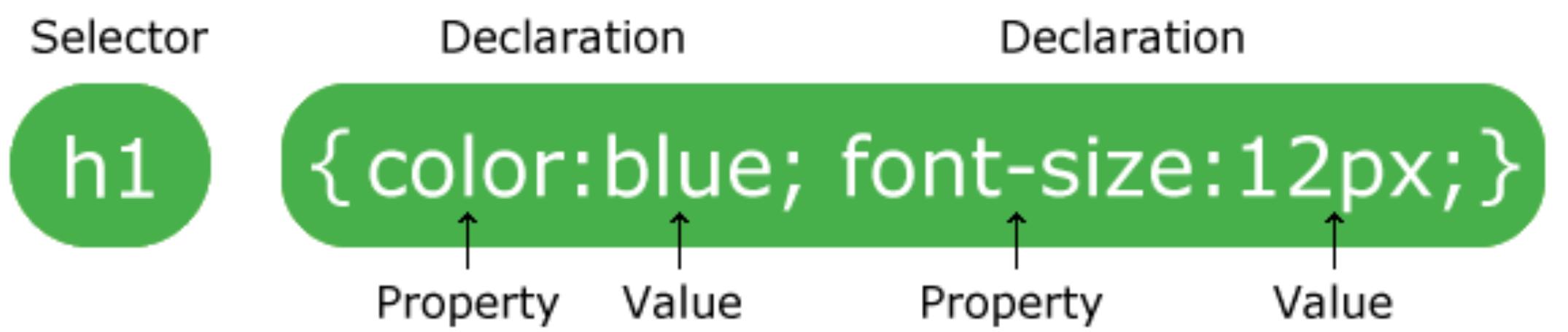
HTML + CSS

External stylesheet

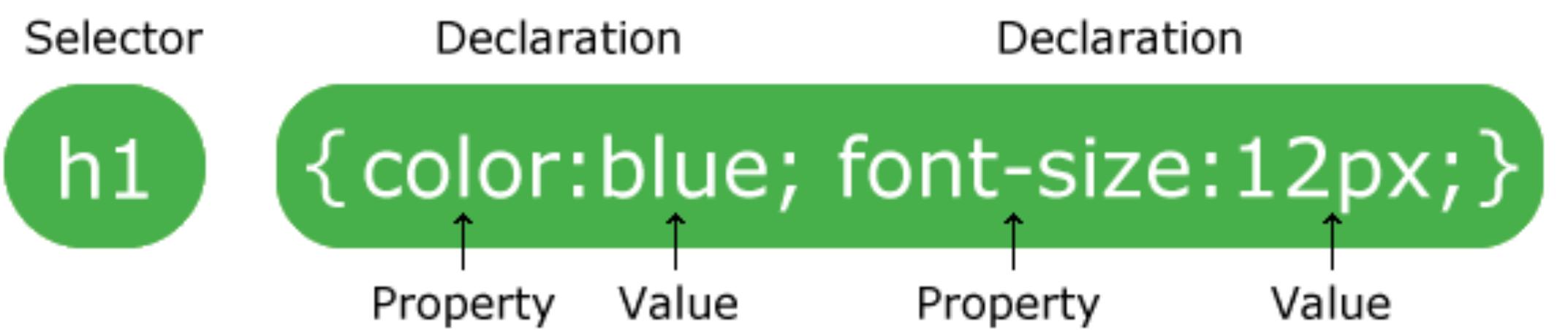
Style is defined in an external .css document(s), which are linked to the HTML file.



CSS SYNTAX



CSS SYNTAX



STYLE ATTRIBUTE

```
style="width:300px;"
```

CSS SYNTAX

Element Selector

[Example]

Class Selector

[Example]

ID Selector

The ***id selector*** uses the id attribute of an HTML element to select a specific element.

The id of an element should be unique within a page, so the id selector is used to select one unique element!

[Example]

Pseudo class

A pseudo-class is used to define a special state of an element.

[Example]

Pseudo-element

A CSS pseudo-element is used to style specified parts of an element.

[Example]

Grouping

[Example]

CSS SYNTAX

Element Selector CSS

```
p {  
    text-align: center;  
    color: red;  
}
```

HTML

```
<p>This is a paragraph.</p>
```

CSS SYNTAX

Element Selector CSS

```
p {  
    text-align: center;  
    color: red;  
}
```

Rendered in browser

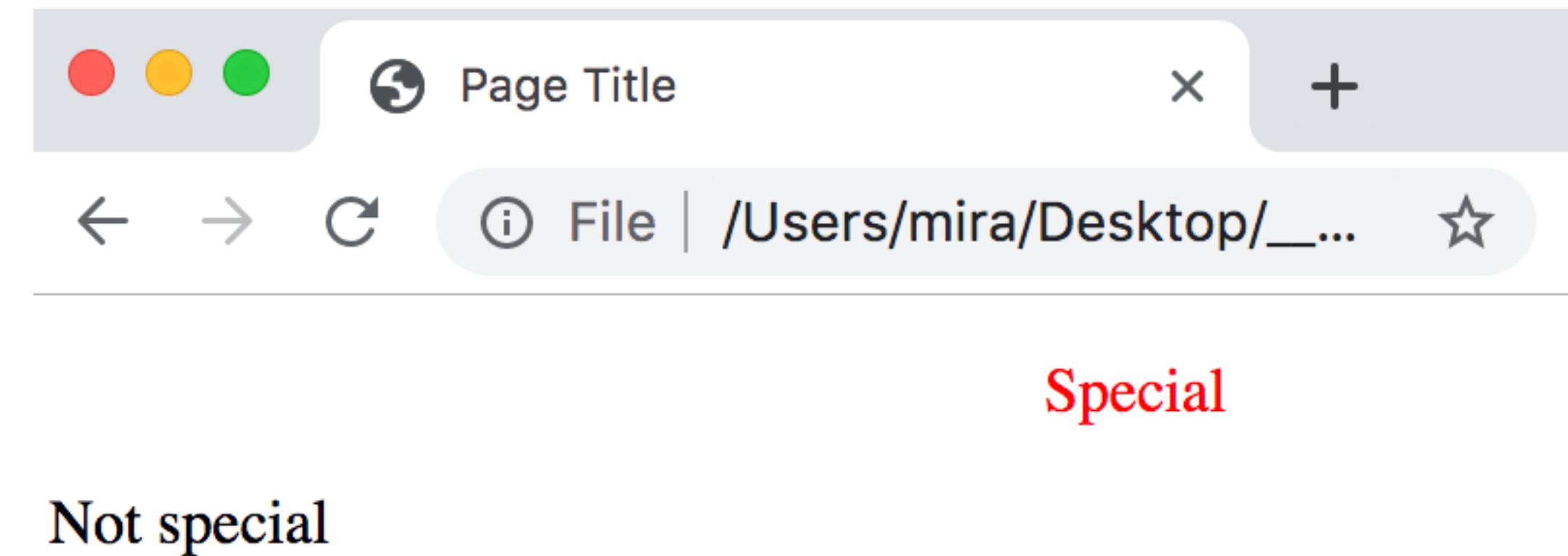
This is a paragraph.

CSS SYNTAX

Class Selector CSS

```
.special {  
    text-align: center;  
    color: red;  
}
```

Rendered in the browser



HTML

```
<p class="special">Special</p>  
<p>Not special</p>
```

CSS SYNTAX

Class Selector CSS

```
.special {  
    text-align: center;  
    color: red;  
}
```

Rendered in the browser



My header
Special header
Special

Not special

HTML

```
<h1>My header</h1>  
<h1 class="special">My header</h1>  
  
<p class="special">Special</p>  
<p>Not special</p>
```

CSS SYNTAX

HTML

```
<h1>My header</h1>
<h1 class="special">Special header</h1>
<p class="special">Special</p>
<p>Not special</p>
```

CSS SYNTAX

ID Selector CSS

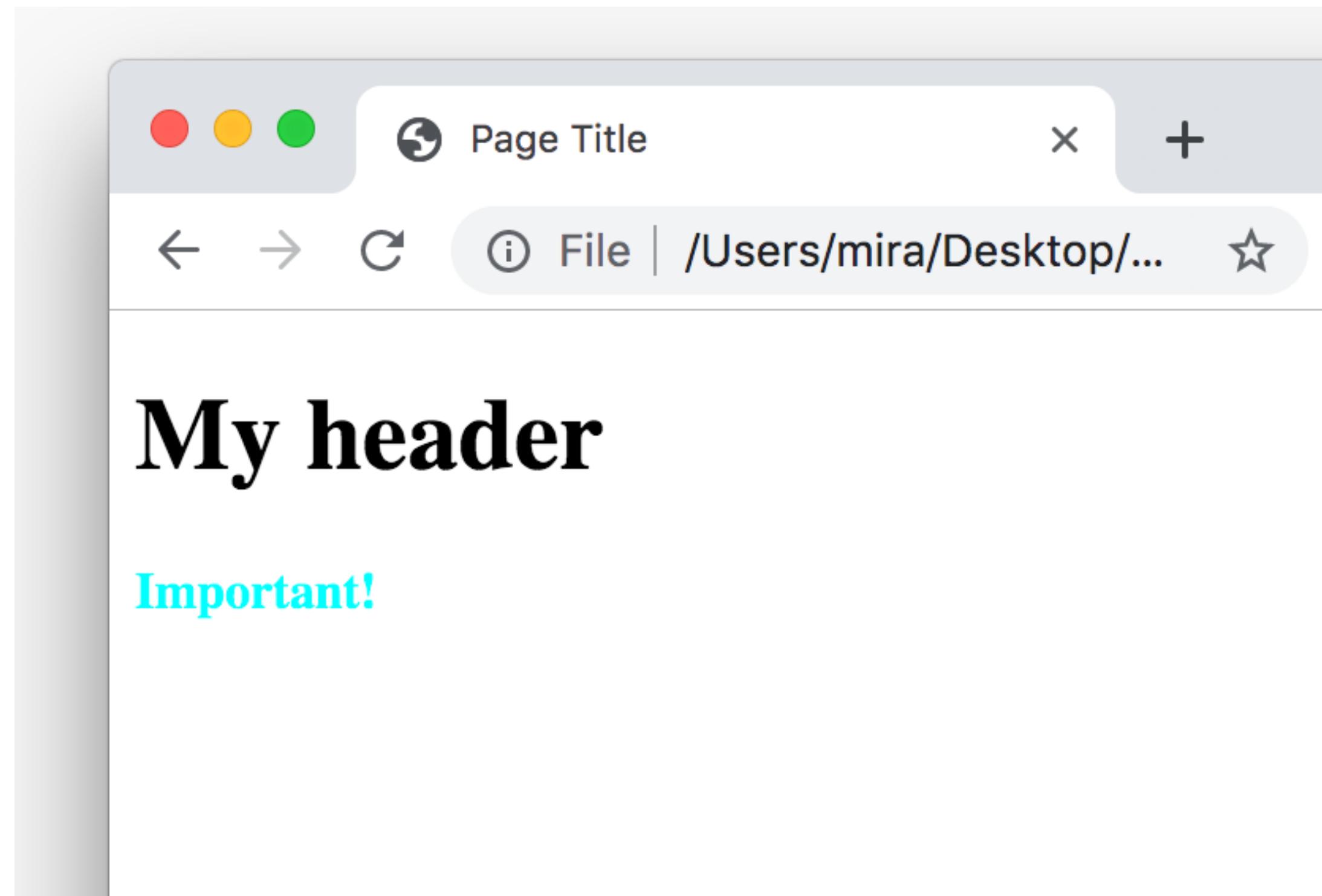
```
#very_special {  
    font-weight: bold;  
    color: aqua;  
}
```

HTML

```
<h1>My header</h1>  
  
<p id="very_special">Important!</p>
```

CSS SYNTAX

Rendered in the browser



CSS SYNTAX

Grouping CSS

```
<style>
  h1, h2, p {
    text-align: center;
    color: red;
  }
</style>
```

CSS SYNTAX

Applying multiple classes CSS

```
<style>
    .make_red{
        color: red;
    }
    .make_bold{
        font-weight: bold;
    }
</style>
```

CSS SYNTAX

Applying multiple classes CSS

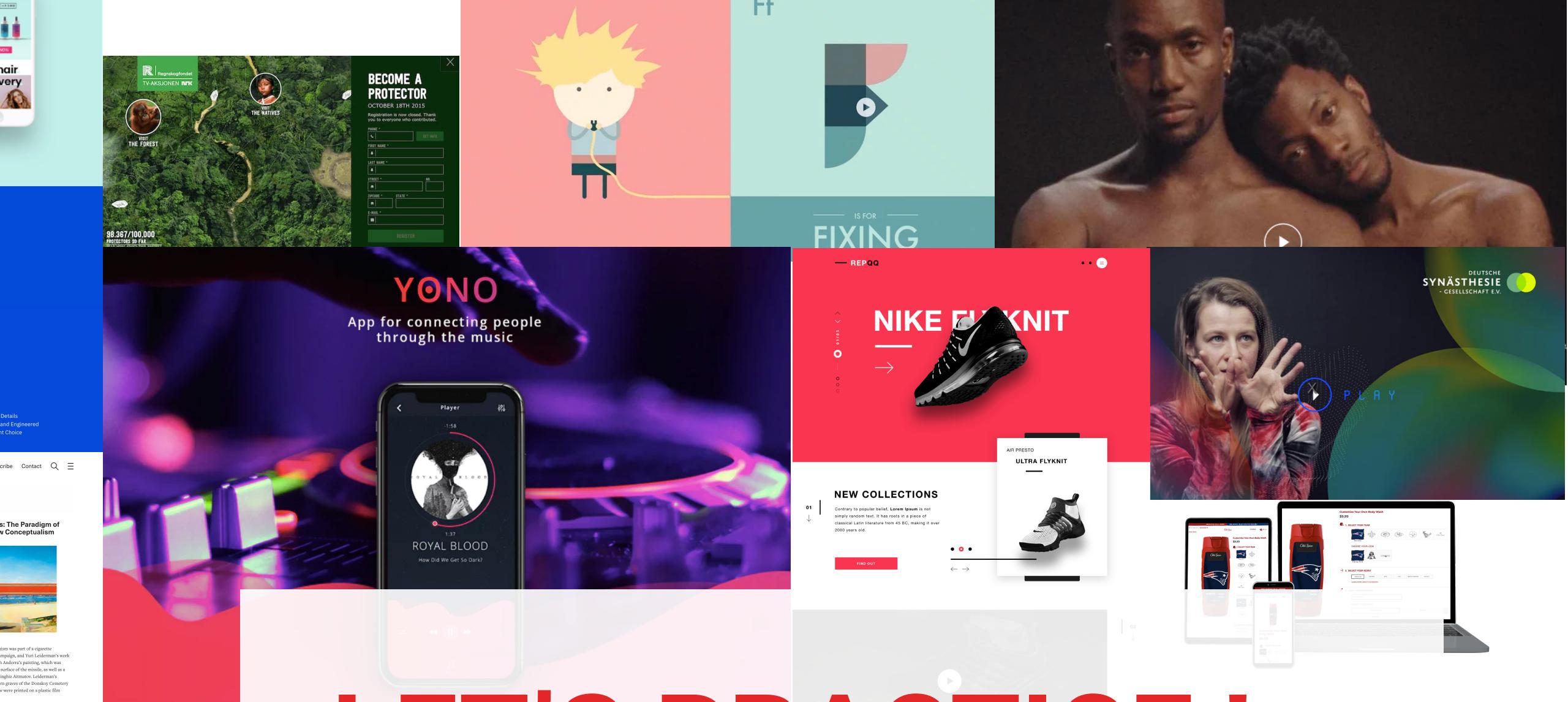
```
.make_red{  
    color: red;  
}  
.make_bold{  
    font-weight: bold;  
}
```

HTML

```
<p class="make_red make_bold">Important!</p>
```

TO BUILD BEAUTIFUL ENGAGING WEBSITES

YOU NEED CSS



LET'S PRACTICE !