

CASCADE STYLE SHEET

WORLD WIDE WEB

The WorldWideWeb (W3) is a wide-area hypermedia[1] information retrieval initiative aiming to give universal access to a large universe of documents.

Everything there is online about W3 is linked directly or indirectly to this document, including an executive summary[2] of the project, Mailing lists[3] , Policy[4] , November's W3 news[5] , Frequently Asked Questions[6] .

What's out there?[7]Pointers to the world's online information, subjects[8] , W3 servers[9], etc.

Help[10] on the browser you are using

Software Products[11] A list of W3 project components and their current state. (e.g. Line Mode[12] ,X11 Viola[13] , NeXTStep[14] , Servers[15] , Tools[16] , Mail robot[17] , Library[18])

Technical[19] Details of protocols, formats, program internals etc

<big>

<blink>

<center>

<marquee>

<table bgcolor="">



CSS ZEN GARDEN

The Beauty of CSS Design

[VIEW ALL DESIGNS](#)



A demonstration of what can be accomplished through CSS-based design.

Select any style sheet from the list to load it into this page.

Download the example [HTML FILE](#) and [CSS FILE](#)

THE ROAD TO ENLIGHTENMENT

Littering a dark and dreary road lay the past relics of browser-specific tags, incompatible DOMs, broken CSS support, and abandoned browsers.

We must clear the mind of the past. Web enlightenment has been achieved thanks to the tireless efforts of folk like the W3C, WASP, and the major browser creators.

The CSS Zen Garden invites you to relax and meditate on the important lessons of the masters. Begin to see with clarity. Learn to use the time-honored techniques in new and invigorating fashion. Become one with the web.

SO WHAT IS THIS ABOUT?

MID CENTURY MODERN

by Andrew Lohman

GARMENTS

by Dan Mall

STEEL

by Steffen Knoeller

APOTHECARY

by Trent Walton

SCREEN FILLER

by Elliot Jay Stocks

FOUNTAIN KISS

by Jeremy Carlson

propriedade: valor;

propriedade: função()

#selector{ ... }

@rule{ ... }

@media [query]{ ... }

<link> External stylesheet

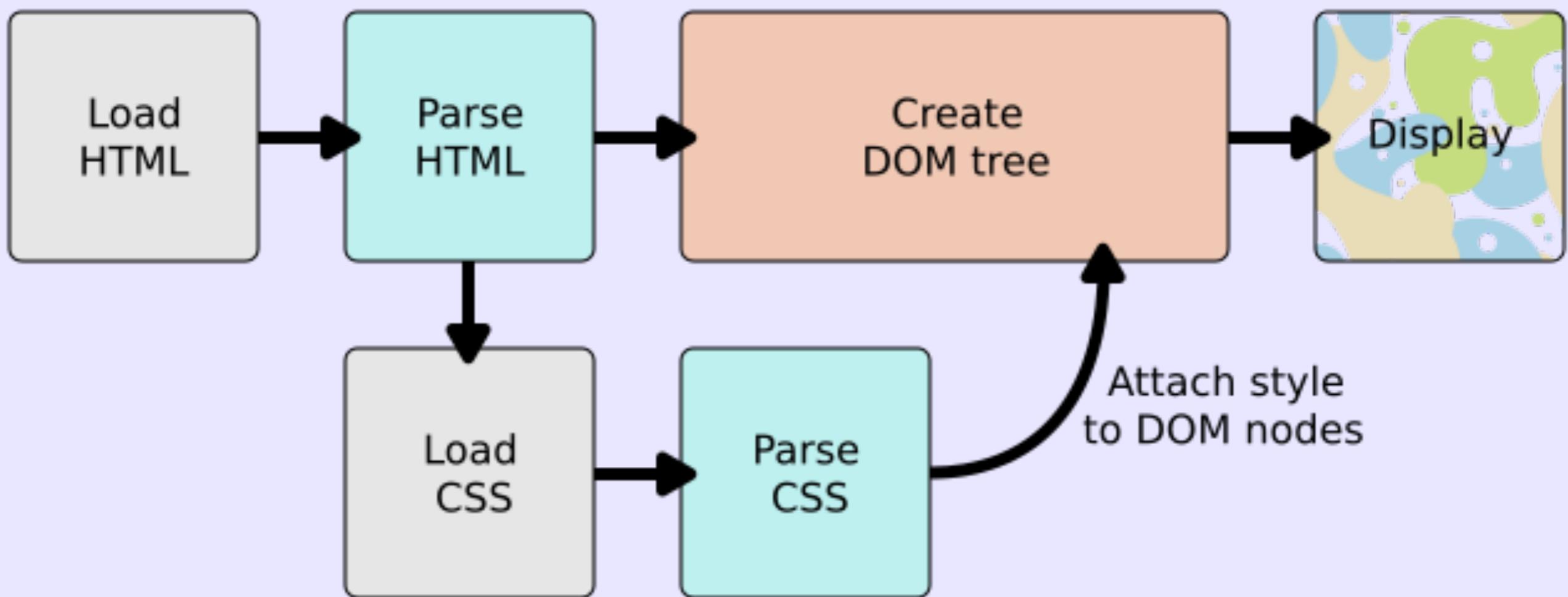
<style> Internal stylesheet

style="" Inline styles

```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <meta http-equiv="X-UA-Compatible" content="ie=edge">
7      <title>Document</title>
8      <link rel="stylesheet" href="css/style.css">
9      <style>
10         h1 {
11             color: blue;
12         }
13
14         #title {
15             color: orange;
16         }
17     </style>
18 </head>
19 <body>
20     <h1 style="color:green" id="title">Título da página</h1>
21 </body>
22 </html>
```

```
1  h1 {
2      color: red;
3  }
```

CASCADE ???



CASCADE



Importance

Specificity

Source order

User Agent Style sheets

Normal

Normal

Important

Important

User

Author

Author

User

Style Sheets

Style Sheets

Style Sheets

Style Sheets



IMPORTANT



**DOES NOT FIX YOUR
BAD CSS**

BATMANCOMIC.INFO

Importance

Specificity

Source order

NNNN

Thousands

style attribute

Hundreds

ID selector

Tens

class selector, attribute selector, pseudo-class

Ones

element selector, pseudo-element

Style	Selector	Thousands	Hundreds	Tens	Ones	Total
color: green	style=""	1	0	0	0	1000
color: orange	#title	0	1	0	0	0100
color: blue	h1	0	0	1	0	0010
color: red	h1	0	0	1	0	0010

Título da página

The screenshot shows the Chrome DevTools interface with the 'Elements' tab selected. The DOM tree on the left shows the structure of the page, with the main title element highlighted.

DOM Tree:

- <head>
- <body>
- ... <h1 style="color:green" id="title">Título da página</h1> == \$0
- </body>

Elements Panel:

- html
- body
- h1#title**

Styles Tab: Styles Event Listeners DOM Breakpoints Properties

Element Styles:

```
element.style {  
    color: green;  
}  
  
#title {  
    color: orange;  
}  
  
h1 {  
    color: blue;  
}  
  
h1 {  
    color: red;  
}
```

Computed Style Overlay: A visual representation of the computed styles for the h1 element, showing a bounding box of 823 x 37 pixels at position 21.440, with margins, borders, and padding applied.

Properties Tab: Shows the properties for the h1 element, including margin, border, padding, width, height, and font.

Filter: Filter input field and checkboxes for 'Show all' and 'Filter'.

Importance

Specificity

Source order

Caso remova o **color: green**
[style=""] e o **color: orange**
[#title], qual será a cor de **<h1>**?



Importance

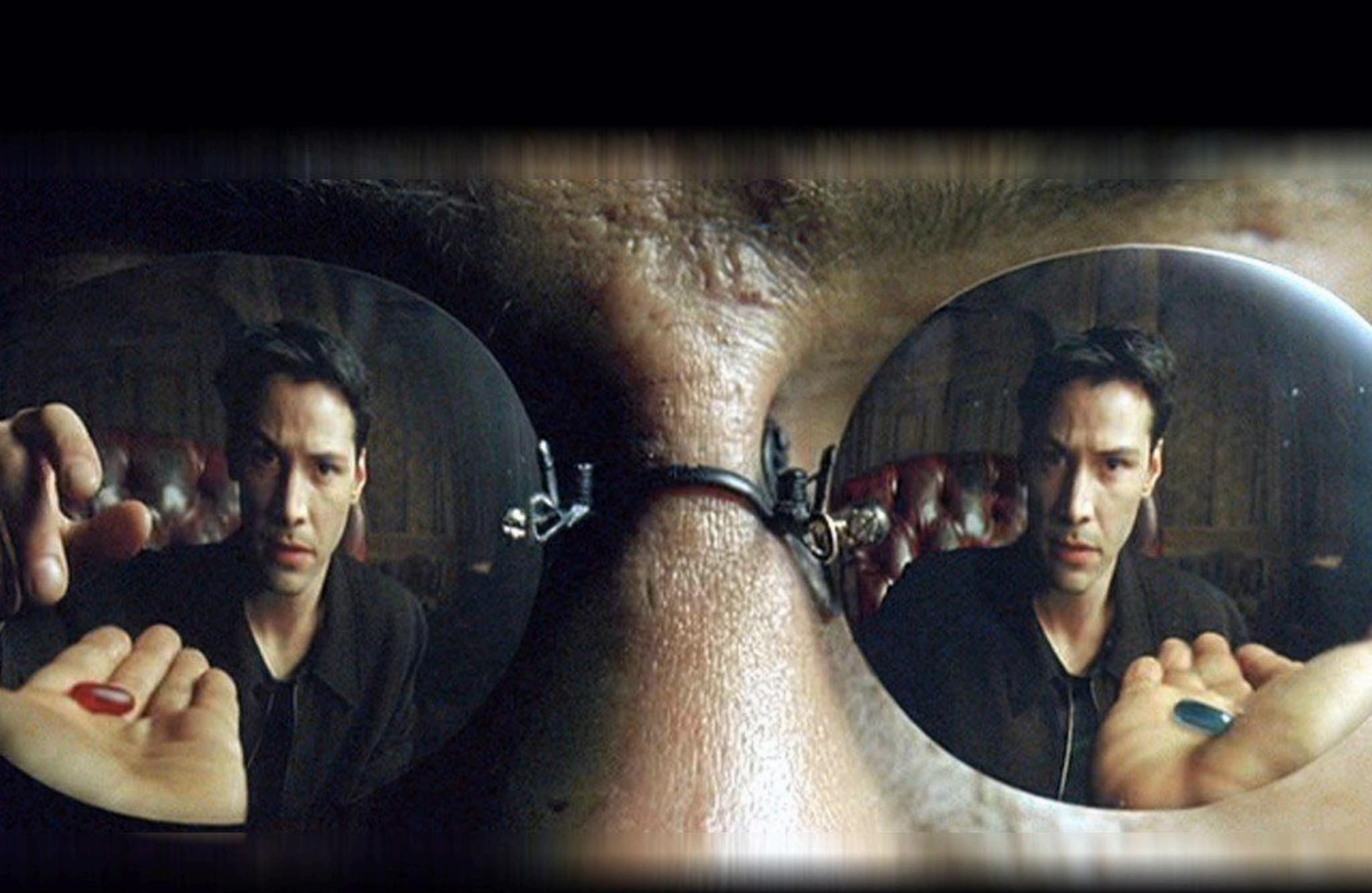
Specificity

Source order

Style	Selector	Thousands	Hundreds	Tens	Ones	Total
color: green	style=""	1	0	0	0	1000
color: orange	#title	0	1	0	0	0100
color: blue	h1	0	0	0	1	0001
color: red	h1	0	0	0	1	0001

BLUE

red



```
1  <!DOCTYPE html>
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3  <head>
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10         h1 {
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12         }
13
14         #title {
15             color: orange;
16         }
17     </style>
18 </head>
19 <body>
20     <h1 style="color:green" id="title">Título da página</h1>
21 </body>
22 </html>
```

```
1  h1 {
2      color: red;
3  }
```

```
1  <!DOCTYPE html>
2  <html lang="en">
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4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <meta http-equiv="X-UA-Compatible" content="ie=edge">
7      <title>Document</title>
8      <link rel="stylesheet" href="css/style.css">
9      <style>
10         h1 {
11             color: red;
12         }
13     </style>
14     <h1>b1ue</h1>
15     <img alt="Winking emoji" data-bbox="638 358 825 605"/>
16
17     </head>
18 </html>
```

```
1  h1 {
2      color: red;
3  }
```

INHERITANCE ???

```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <meta http-equiv="X-UA-Compatible" content="ie=edge">
7      <title>Document</title>
8      <link rel="stylesheet" href="css/style.css">
9      <style>
10         body {
11             font-family: arial, sans-serif;
12         }
13         h1 {
14             color: blue;
15         }
16         #title {
17             color: orange;
18         }
19     </style>
20 </head>
21 <body>
22     <h1 style="color:green" id="title">Título da página</h1>
23 </body>
24 </html>
```

INHERITANCE ???

```
1  <!DOCTYPE html>
2  <html lang="en">
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4      <meta charset="UTF-8">
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6      <meta http-equiv="X-UA-Compatible" content="ie=edge">
7      <title>Document</title>
8      <link rel="stylesheet" href="css/style.css">
```

```
body {
    font-family: arial, sans-serif;
}
```

```
16     #title {
17         color: orange;
18     }
19     </style>
20 </head>
21 <body>
22     <h1 style="color:green" id="title">Título da página</h1>
23 </body>
24 </html>
```