HTML, CSS, JAVASCRIPT, INTERNETZ.

🤤

(yay!1)

Why this? I thought I was here for Data Science bro.

🤔

Why front end development?

- Gain enough knowledge to produce visualizations using libraries like D3 in order to share with others.

  - Teammates, blog posts, executives.

- Be able to understand what we're looking at when we're scraping.

- Be able to tweak our blogs.

What is the internet?

wow

much exotic

so deep

very data

What is the internet?

- A global system of interconnected computer networks that use the Internet protocol suite (TCP/IP) to link devices worldwide.

  - **TCP** (*Transmission Control Protocol*) - defines how computers send chunks of data to one another

  - **IP** (*Internet Protocol*) - defines how to address and route each chunk of data to make sure it reaches the right destination

- *Hypertext Transfer Protocol*, or **HTTP**, is the language used on the Web for information transfer, especially websites!

- TCP, IP, and HTTP are just some of many languages or protocols that can be used for communication on the Internet.

What is HTML, CSS & Javascript?

HTML, CSS, JS

- These are 3 seperate languages that play different roles in defining a website.

  - **HTML** provides the basic structure of websites.

    - *Hypertext Markup Language* is the standard markup language for creating web pages.

    - Composed of elements, tags, attributes, and character encodings (*& = &*).

    - The nesting of the tags forms a tree with an interface called the *Document Object Model* (**DOM**).

  - **CSS** is used to control presentation, formatting and layout.

    - *Cascading Style Sheets* are a list of rules that can assign different properties to HTML tags, either specified to single tags, multiple tags, an entire document, or multiple documents.

  - **JavaScript** is used to control the behavior of different elements (& much more!).

Box Office **Mojo**

Adjuster: Actuals Go

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Blade Runner 2049

Domestic Total as of Oct. 15, 2017: $60,970,631	
Distributor: **Warner Bros.**	Release Date: **October 6, 2017**
Genre: **Sci-Fi**	Runtime: **2 hrs. 43 min.**
MPAA Rating: **R**	Production Budget: **$150 million**

Summary	Daily	Weekend	Weekly	Foreign	Similar Movies

Total Lifetime Grosses

Domestic: **$60,970,631**   **38.9%**
+ Foreign: $95,580,774   61.1%

= **Worldwide: $156,551,405**

Domestic Summary

Opening Weekend: $32,753,122
  (#1 rank, 4,058 theaters, $8,071 average)
  % of Total Gross: 53.7%
        > View All Weekends
Widest Release: 4,058 theaters
In Release: 10 days / 1.4 weeks

The Players

Director: Denis Villeneuve
Writers: Hampton Fancher Michael Green
Actors: Ryan Gosling Harrison Ford Barkhad Abdi Robin Wright Jared Leto Dave Bautista Edward James Olmos
Producers: Broderick Johnson Andrew A. Kosove Cynthia Sikes Yorkin
Cinematographer: Roger Deakins
Composers: Johann Johannsson Benjamin Wallfisch Hans Zimmer

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10/5 'Blade Runner 2049' Aims for $50M+ Opening, Hoping for Long Legs Throughout October

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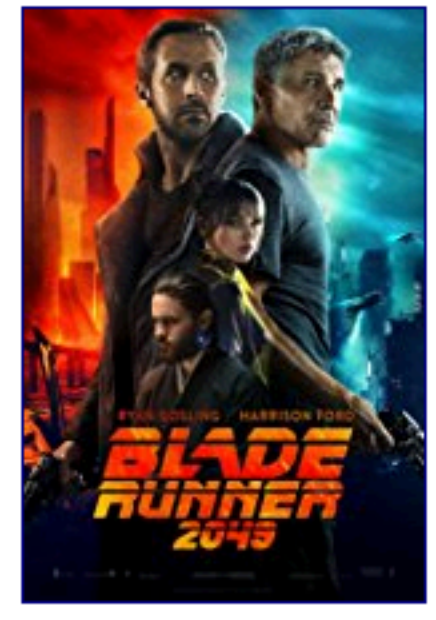10/5 'Blade Runner 2049' Aims for $50M+ Opening, Hoping for Long Legs Throughout October

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giphy.mp4

Elements   Console   Sources   Network   Performance   »   ⊘ 1

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        ▼<tbody>
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              ▼<font size="4">
                <font size="3">Domestic Total as of Oct. 15,
                2017:</font>
                <b>$60,970,631</b>  == $0
              </font>
            </td>
          </tr>
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          ▶<tr bgcolor="#ffffff">...</tr>
        </tbody>
      </table>
    </center>
  </td>
</tr>
```

font
Element
<font size="3"> **Tag** →
Attribute
size

... tr td table tbody tr td table tbody tr td center table tbody tr td font **b**

Styles Event Listeners DOM Breakpoints Properties

Filter   :hov .cls ⊞

element.style {
}

strong, b {   user agent stylesheet
    font-weight: bold;
}

Inherited from table

table {   user agent stylesheet
    display: table;
    border-collapse: separate;
    border-spacing: ▶ 2px;
    border-color: ▶ ■grey;
}

Inherited from center

center {   user agent stylesheet
    display: block;
    text-align: -webkit-center;
}

margin -
border -
padding -
auto × auto

Filter   ☐ Show all

▶ border-collapse   separa...
  display   inline
▶ font-family   Tahoma,...
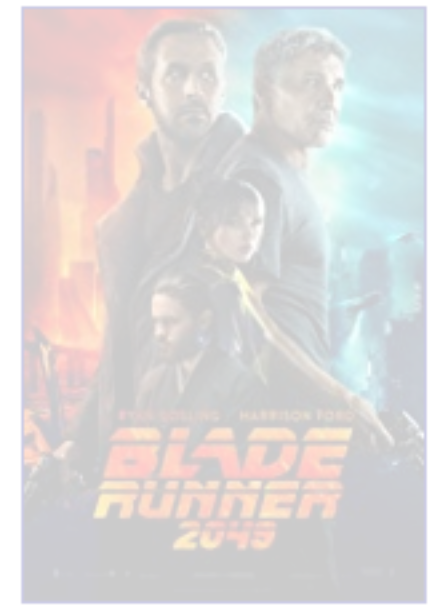▶ font-size   18px
▶ font-weight   bold

Show All

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Elements Console Sources Network Performance »

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  ▼<td>
    ▼<center>
      ▼<table border="0" cellspacing="1" cellpadding="4"
        bgcolor="#dcdcdc" width="95%">
        ▼<tbody>
          ▼<tr bgcolor="#ffffff">
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  </td>
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... tr td table tbody tr td table tbody tr td center table tbody tr td font **b**

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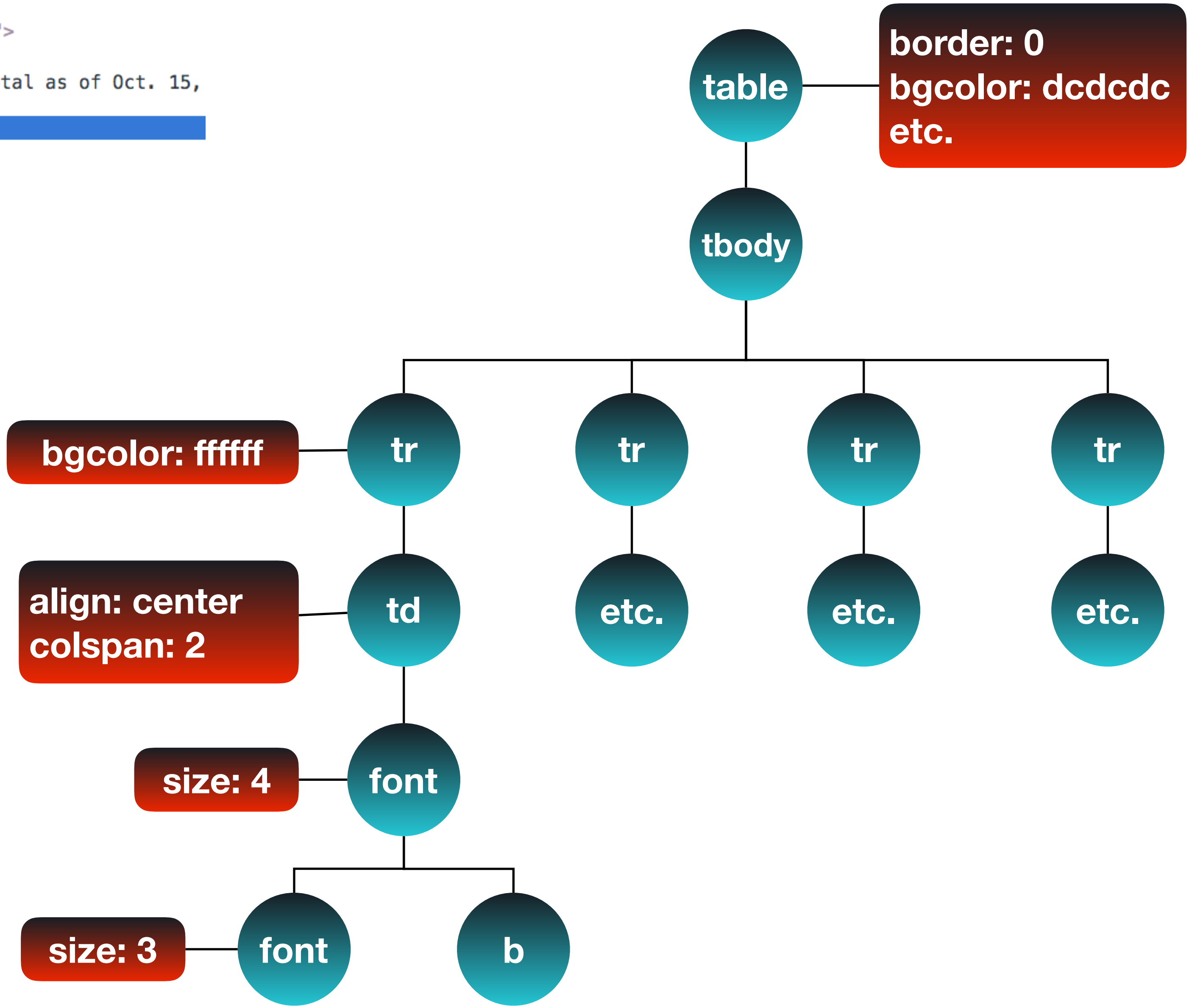Filter   :hov .cls

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Filter   Show all

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  display   inline
▶ font-family   Tahoma,...
▶ font-size   18px
▶ font-weight   bold

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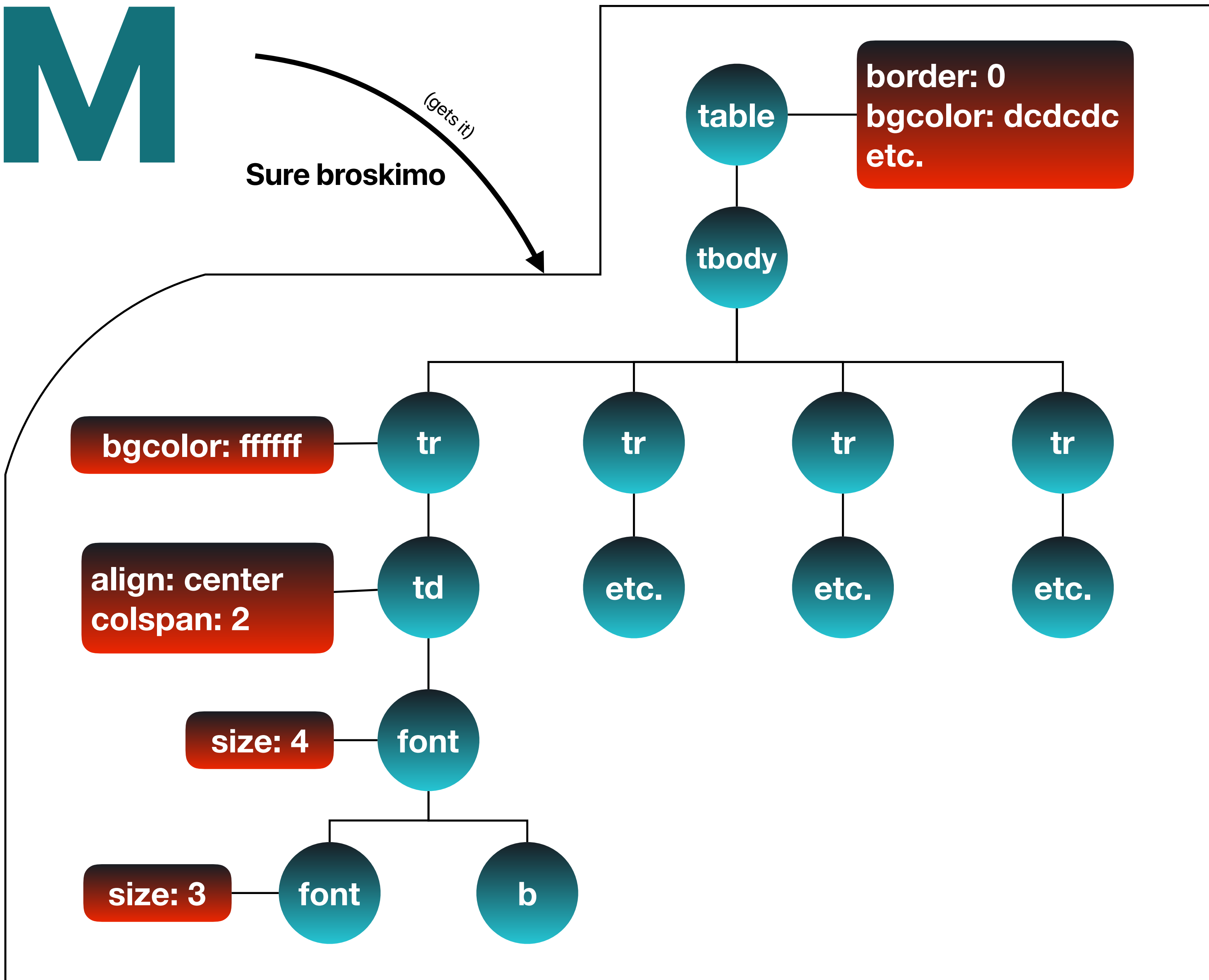
DOM
2049

Sure broskimo

(gets it)

Hey, gimme all dem tr's please.

table —— border: 0
bgcolor: dcdcdc
etc.

tbody

bgcolor: ffffff —— **tr**

tr

tr

tr

align: center
colspan: 2 —— **td**

etc.

etc.

etc.

size: 4 —— **font**

size: 3 —— **font**

b

Let's make a website

👩‍💻 👨‍💻