



1) HAVE SLACK OPEN

2) IN CHROME, OPEN UP:

<https://github.com/CHIFEWD7/your.name>

3) DOWNLOAD GITHUB DESKTOP

FRONT-END WEB DEVELOPMENT

SNACKS & DESIGN

TODAY!

JIM HOWES & JON ILER

(GOOGLE SHEET IS PINNED IN SLACK)

FEWD

Q & A

“Still need help organizing my pages!”

“Appropriate use of the `` tag”

On the Road

The Adventure of a Lifetime

[Blog](#)[Events](#)[Snapshots](#)[Store](#)[Contact](#)[About](#)

11/12/15

Camping by Loon Lake



Cray culpa stumptown, flexitarian ex Odd Future do fugiat Wes Anderson proident 3 wolf moon officia bitters small batch. Et consequat do, nulla you probably haven't heard of them High Life scenester. Vinyl fugiat High Life, kogi do VHS in aliqua lo-fi leggings gentrify Neutra tumblr. Odio vegan PBR, Marfa forage blue bottle try-hard readymade meggings retro delectus Echo Park. Ugh consectetur farm-to-table forage, laboris blue bottle McSweeney's tattooed excepteur yr. Magna ut Schlitz flexitarian, vinyl craft beer proident yr forage 8-bit ethical sustainable placeat retro. Officia pickled beard, adipisicing gluten-free sint craft beer quis thundercats id 3 wolf moon fashion axe.

[Continues...](#)

About Us

On the Road is u salvia, fixie mumblecore ex aesthetic qui minim blog cliché. Retro disrupt keytar PBR, delectus consectetur flexitarian fingerstache selfies nostrud Schlitz. Tempor Wes Anderson banh mi bicycle rights. Eu occaecat Williamsburg yr letterpress, biodiesel plaid tote bag cliché messenger bag lomo bespoke sapiente next level.

[More...](#)

Ad

11/11/15

A Morning Hike in Big Sur



Popular Posts

- [Breakfast in the Bay](#)
- [Morning Crescent](#)
- [Above the Clouds](#)
- [Camper update - Kitchen Rehaul](#)

“Is it possible to have too many boxes?”

“Office hours”

“Why would we use the terminal?”

“Are there instances where you should use a `<div>` tag over something more descriptive?”

“Elaborate on <section> and <article>”

“How do you make an entire DIV box link to an ?”

“< a href=<http://google.com> target='_blank'>Google”

“IDs and Classes are case sensitive!”

.About {}

.about {}

** talk through some of the resources **

teaching.eboyer.io/CHIFEWD7

COMING UP...

~~MARCH 1: LAYOUT (CSS)~~

MARCH 3: LAYOUT LAB (W/ ADVANCED CSS ~ RESETS)

MARCH 8: INTRO TO PROGRAMMING (JS)

MARCH 10: PROGRAMMING CONT. (JS)

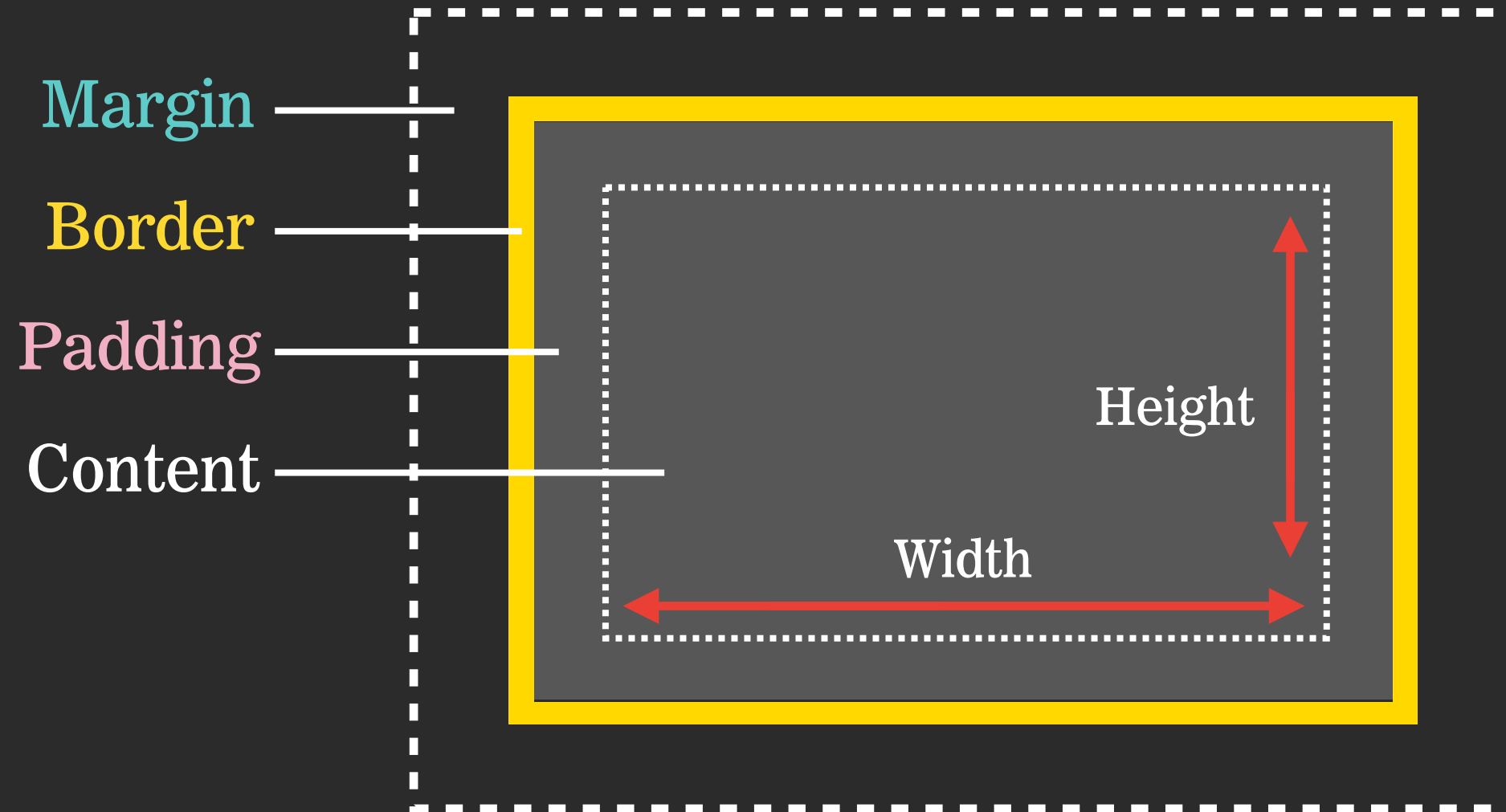
LAYOUT LAB

Eric Boyer

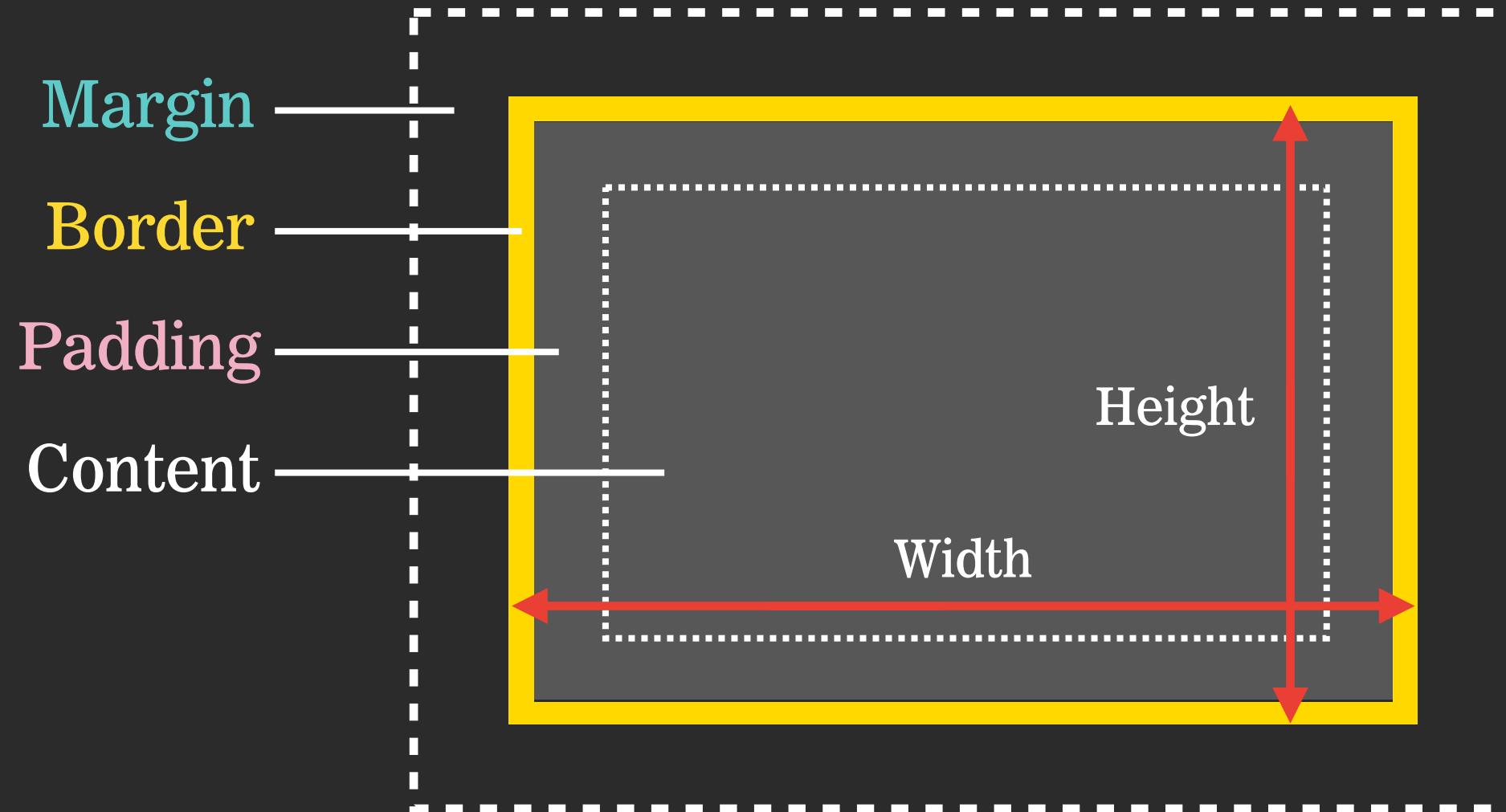
FEWD

REVIEW

REFRESHER — BOX MODEL



BOX-SIZING: BORDER-BOX



WHY IS THIS SO AWESOME?

- ▶ With **box-sizing: border-box** — the padding and border press their way inside the box instead of expanding the box.

Actual width = Width set in CSS  **YAY!**

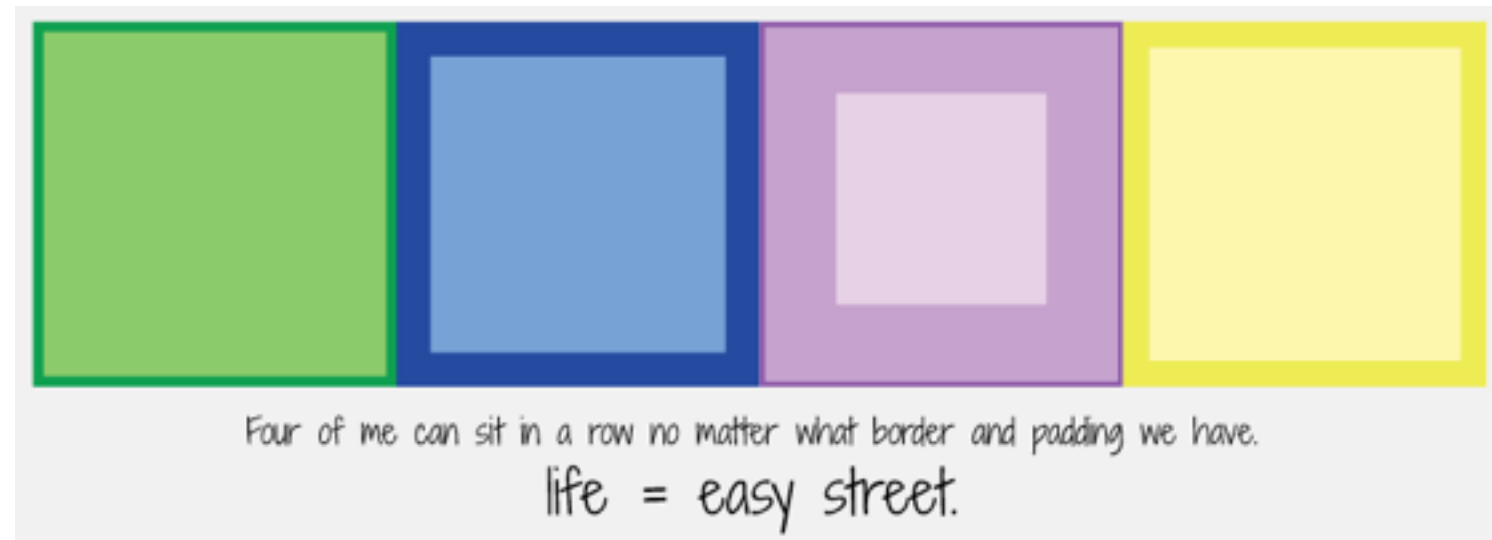


Image credit: Chris Coyier's [International Box Sizing Awareness Day](#)

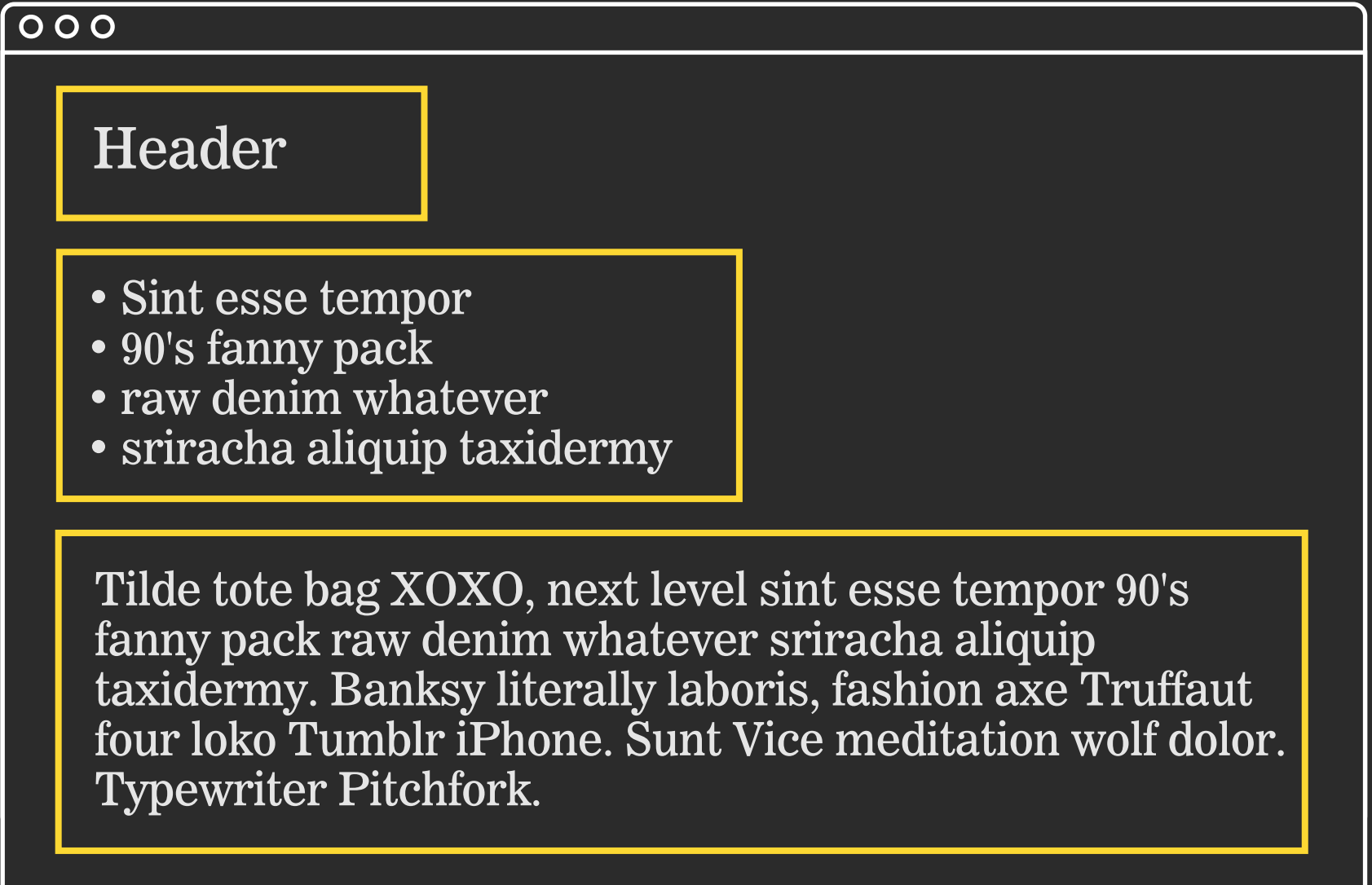
BUILDING BLOCKS

BLOCK-LEVEL ELEMENTS

- ▶ Will always start on a new line

Examples:

- ▶ `<h1>-<h6>`
- ▶ ``
- ▶ ``
- ▶ `<p>`
- ▶ ``
- ▶ `<div>`



BUILDING BLOCKS

INLINE ELEMENTS

Will always appear to continue on the same line as their neighboring elements

Examples:

- `<a>`
- ``
- ``
- ``
- `<q>`
- ``

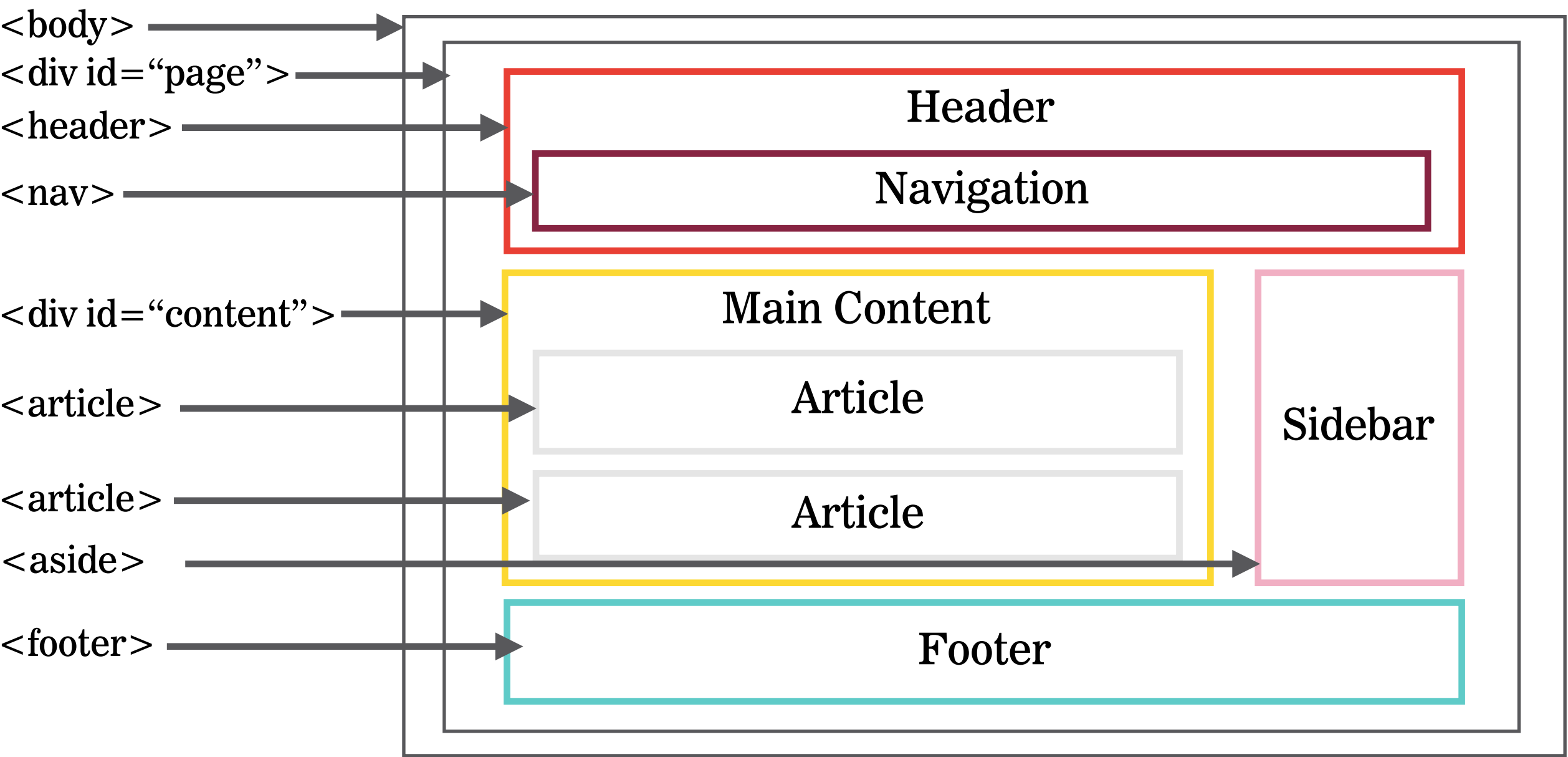


DIMENSION – A KEY DIFFERENCE BETWEEN INLINE AND BLOCK ELEMENTS

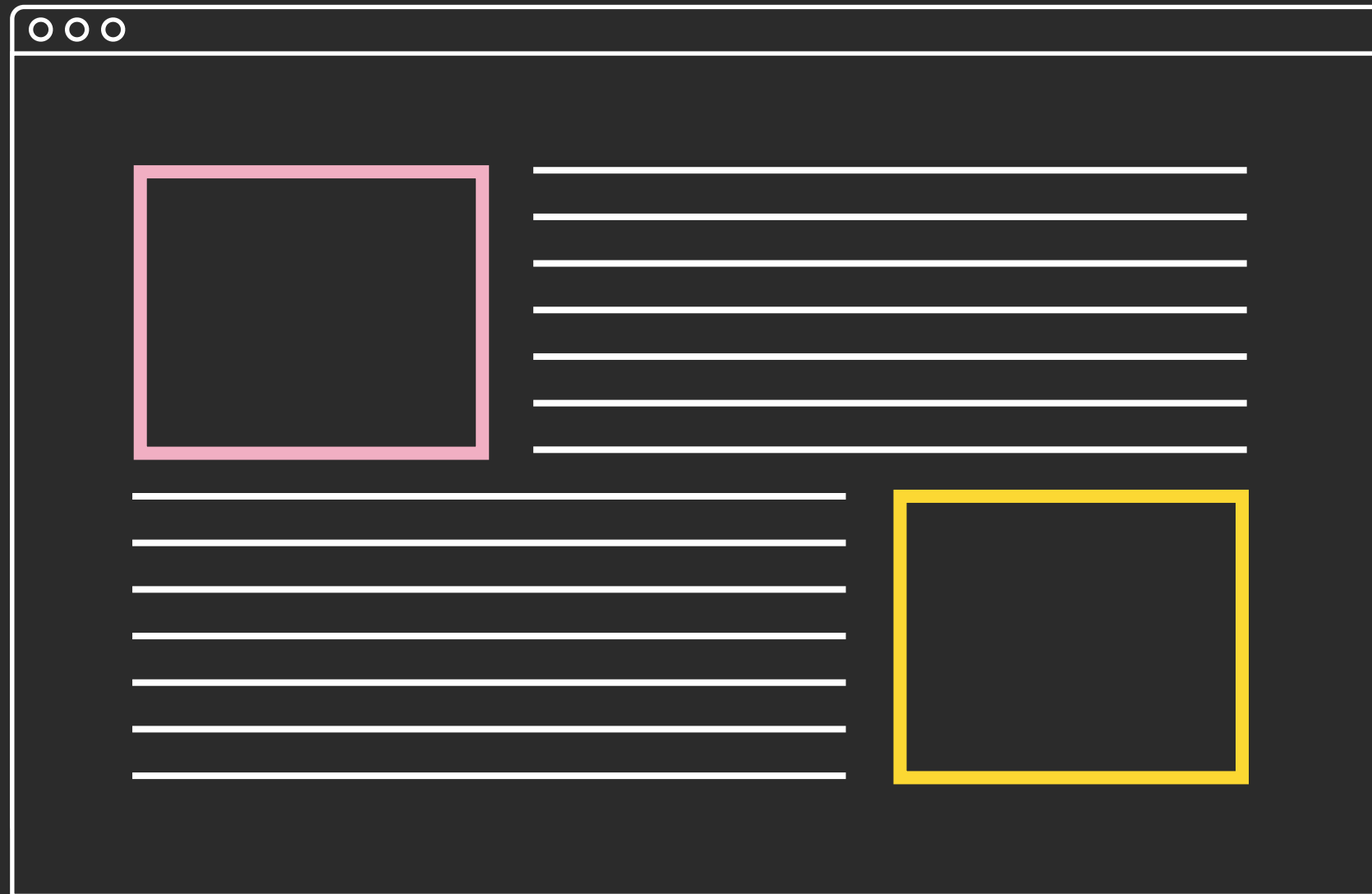
SUMMARY — WHICH DIMENSIONS CAN BE CHANGED?

	WIDTH & HEIGHT	PADDING & MARGIN
BLOCK	yes	can apply to all sides
INLINE	no	will only affect left and right sides

STRUCTURAL ELEMENTS

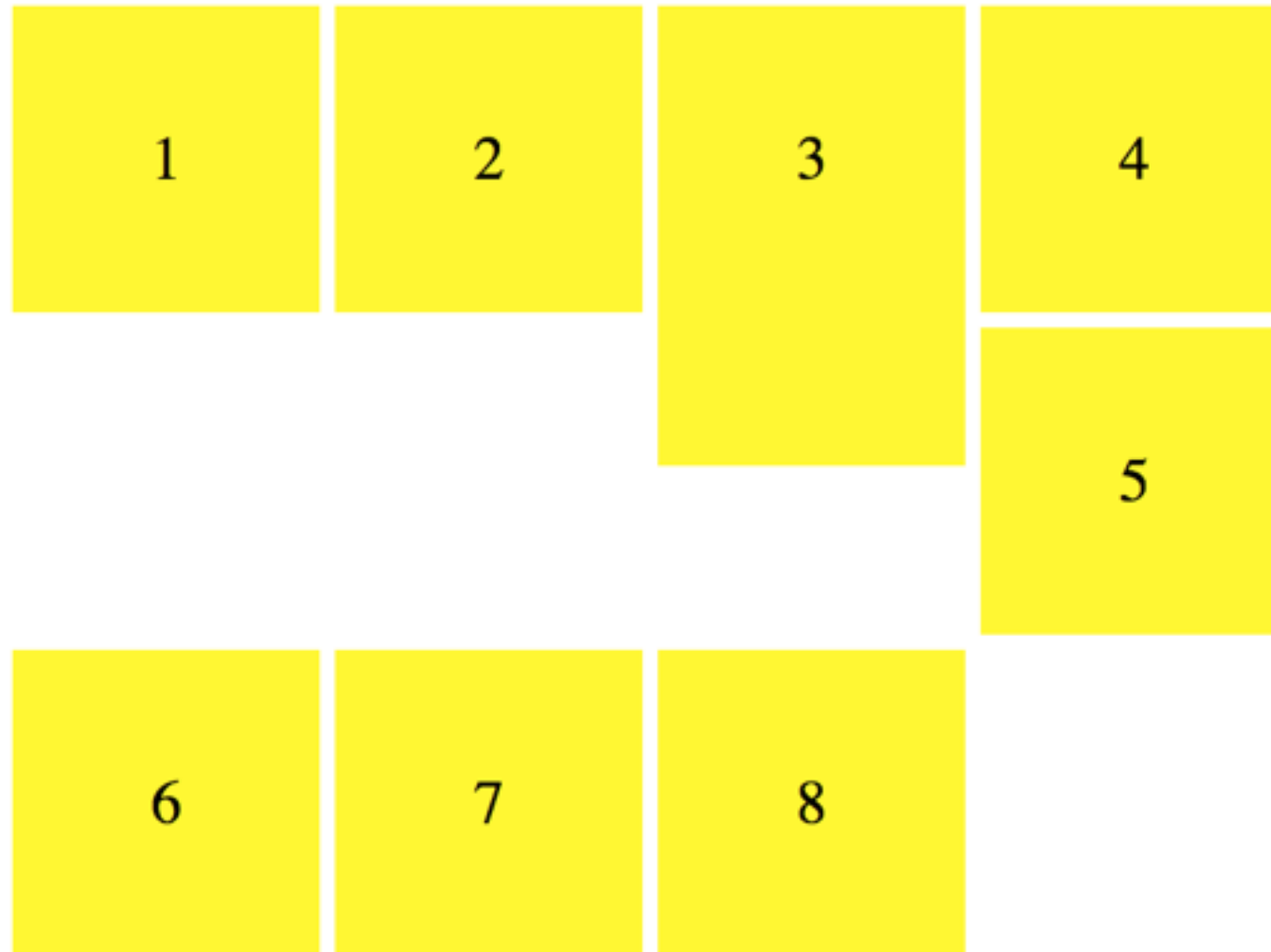


CSS — FLOATS



LET'S TAKE A LOOK

- I've added the example to Codepen so you can refer to it later if needed



PARENTS OF FLOATED ELEMENTS

- ▶ If a containing element **only contains floated elements**, some browsers will treat it as if it is zero pixels tall.

PROBLEM:

1	2	3	4
5	6	7	8

Collapsed parent!

SOLUTION:

1	2	3	4	
5	6	7	8	

PT. 1 — ADD CSS CLASS:

```
.clearfix:after {  
  content: "";  
  display: table;  
  clear: both;  
}
```

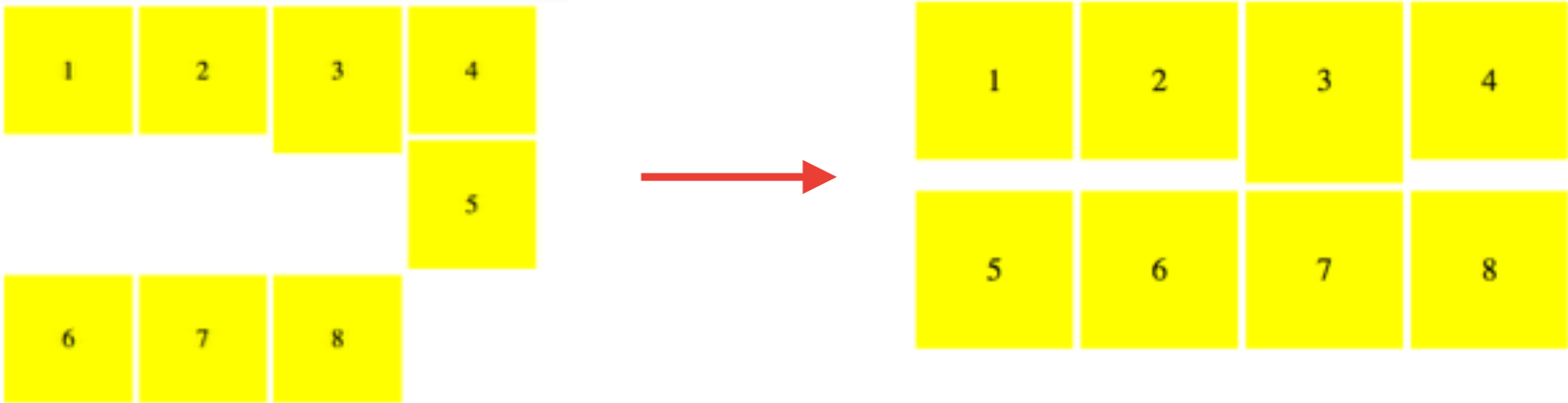
PT. 2 — ADD CLASS TO HTML:

```
<div class="clearfix">  
  <p>1</p> <!-- float: left -->  
  <p>2</p> <!-- float: left -->  
  <p>3</p> <!-- float: left -->  
</div>
```

CONFUSING NAMES — KEEPING THINGS STRAIGHT

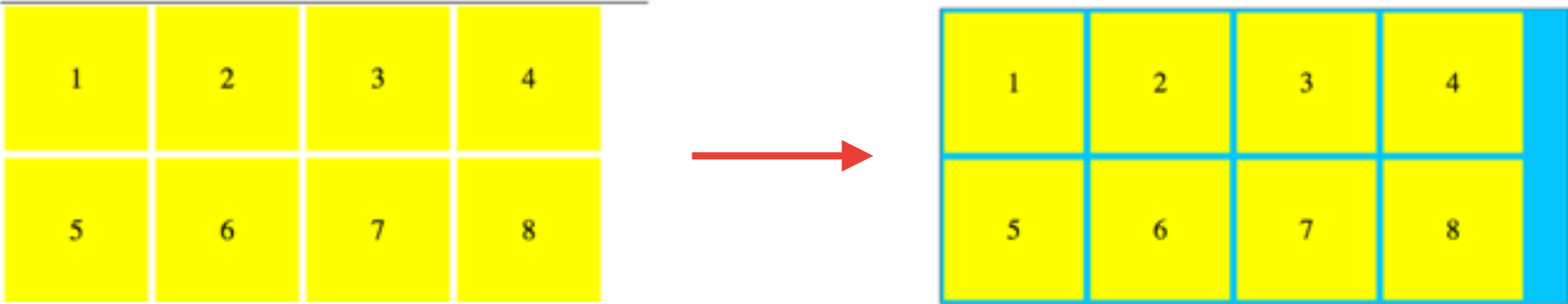
CLEAR: BOTH;

Make sure an element starts on a new line



CLEARFIX:

Fixes collapsed parent



STEPS TO ACHIEVE A MULTI-COLUMN LAYOUT

1. Make sure each column has a wrapper around it in your HTML
2. Give a width to each column (either % or px)
3. Float each column to left
4. Use padding to add space between columns
5. Add box-sizing: border-box; to everything (use the * CSS selector)
6. Clear anything underneath your columns i.e. a footer using the CSS clear property (clear: both;)

LEARNING OBJECTIVES

- Practice web development by transforming a design comp into a webpage.

AGENDA



- Final Project Discussion
- Starter Templates & Files
- Lab — Travel Blog
- Lab — Startup Matchmaker

FEWD

FINAL PROJECTS

FINAL PROJECTS

WHERE CAN I GET SOME INSPIRATION FROM WHAT PAST STUDENTS HAVE DONE?

- Visit the General Assembly [Gallery](#)

WHERE SHOULD I BE RIGHT NOW?

- By the end of NEXT week (March 10th) you should have looked through the gallery and jotted down a few ideas. Wireframes/project proposals will be due at the end of FOLLOWING week (March 17th)!

FEWD

STARTER TEMPLATE & FILES

RESET.CSS

You can use a **reset** file to give you a blank slate for css styles.

1. [Normalize.css](#) makes browsers render all elements more consistently and in line with modern standards. It precisely targets only the styles that need normalizing
2. The common [reset from MeyerWeb](#) will take away all the styles for every HTML tag.

To add to your project:

1. Include the stylesheet (either `normalize.css` or `reset.css`) in your css directory
2. Add a `<link>` to the stylesheet in the head of your HTML. You'll want to include it **above** any other stylesheets so that your styles will be able to override the defaults.

FEWD

LAB – TRAVEL BLOG

On the Road

The Adventure of a Lifetime

[Blog](#)[Events](#)[Snapshots](#)[Store](#)[Contact](#)[About](#)

11/12/15

Camping by Loon Lake



Cray culpa stumptown, flexitarian ex Odd Future do fugiat Wes Anderson proident 3 wolf moon officia bitters small batch. Et consequat do, nulla you probably haven't heard of them High Life scenester. Vinyl fugiat High Life, kogi do VHS in aliqua lo-fi leggings gentrify Neutra tumblr. Odio vegan PBR, Marfa forage blue bottle try-hard readymade meggings retro delectus Echo Park. Ugh consectetur farm-to-table forage, laboris blue bottle McSweeney's tattooed excepteur yr. Magna ut Schlitz flexitarian, vinyl craft beer proident yr forage 8-bit ethical sustainable placeat retro. Officia pickled beard, adipisicing gluten-free sint craft beer quis thundercats id 3 wolf moon fashion axe.

[Continues...](#)

About Us

On the Road is u salvia, fixie mumblecore ex aesthetic qui minim blog cliché. Retro disrupt keytar PBR, delectus consectetur flexitarian fingerstache selfies nostrud Schlitz. Tempor Wes Anderson banh mi bicycle rights. Eu occaecat Williamsburg yr letterpress, biodiesel plaid tote bag cliché messenger bag lomo bespoke sapiente next level.

[More...](#)

Ad

11/11/15

A Morning Hike in Big Sur



Popular Posts

- [Breakfast in the Bay](#)
- [Morning Crescent](#)
- [Above the Clouds](#)
- [Camper update - Kitchen Rehaul](#)

LAB — TRAVEL BLOG PT. 2



FORM BASICS

ADVANCED CSS POSITIONING

STATIC POSITIONING

- This is the normal flow of the document, the **default**
- Elements render in order, as they appear in the document flow.

```
.my-class {  
  position: static;  
}
```

RELATIVE POSITIONING

- Relative positioning moves an element *relative to where it would have been in normal flow*.
- For example, "left: 20px" adds 20px to an element's **left** position
- **Creates a coordinate system for child elements.**

```
.my-class {  
  position: relative;  
  top: 20px;  
  left: 30%;  
}
```

ABSOLUTE POSITIONING

- When the *position* property is given a value of *absolute*, an element is taken out of the normal flow of the document.
- This element no longer affects the position of other elements on the page (they act like it's not there).
- You can add the *right*, *top*, *left* and *bottom* properties to specify where the element should appear relative to its first positioned (not static) ancestor element

```
.my-class {  
  position: absolute;  
  top: 0;  
  left: 500px;  
}
```

FIXED POSITIONING

- When the *position* property is given a value of *fixed*, the element is positioned in relation to *the browser window*
- When the user scrolls down the page, it stays in the same place.
- You can add the *right*, *top*, *left* and *bottom* properties to specify where the element should appear in relation to the browser window.

```
.my-class {  
  position: fixed;  
  top: 0;  
  left: 500px;  
}
```

OVERLAPPING ELEMENTS — Z-INDEX

- When using relative, fixed or absolute positioning, elements can overlap.
- When elements overlap, the elements that appear later in the HTML code sit on top of those that appear earlier in the page.
- If you want to control which elements are layered on top of each other, you can use the z-index property.
- This property takes a number — the higher the number the closer that element is to the front.
- Similar to 'bring to front' and 'send to back' in programs like *Adobe Illustrator*.

```
.my-class {  
  z-index: 10;  
}
```

WANT TO LEARN MORE?

Resources for more info/examples:

- ▶ A List Apart: [CSS Positioning 101](#)

FEWD

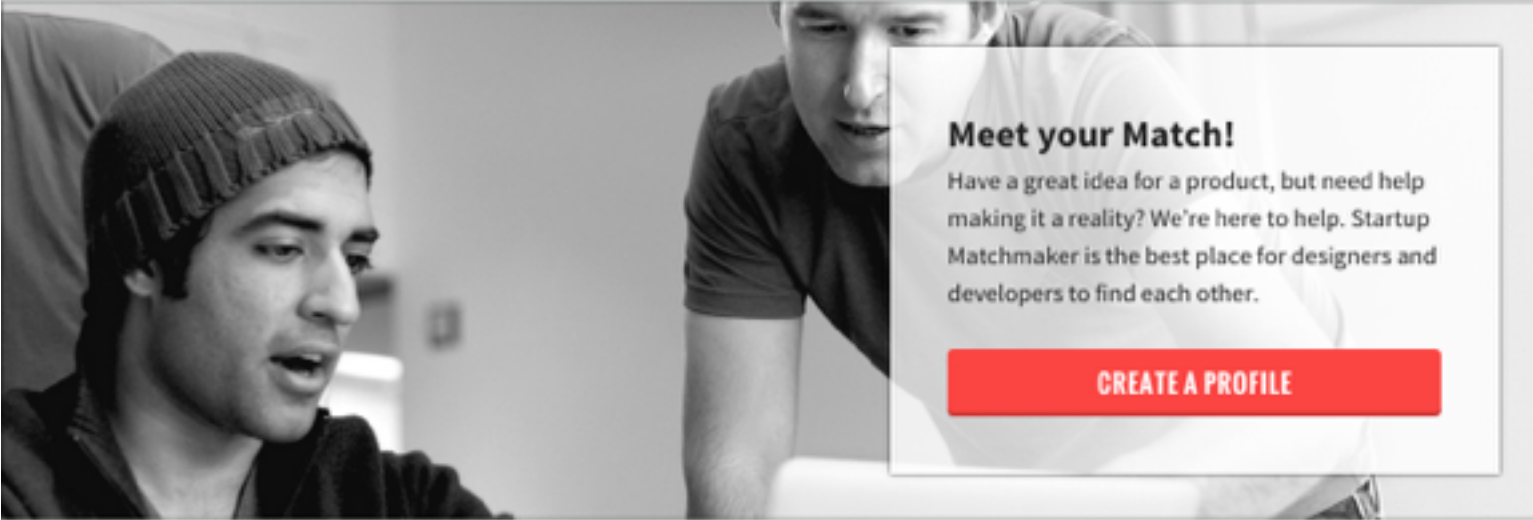
LAB – STARTUP MATCHMAKER

LAB — STARTUP MATCHMAKER

Startup Matchmaker

DEVELOPERS DESIGNERS How it Works Our Team Blog

Because two heads are better than one.



Meet your Match!

Have a great idea for a product, but need help making it a reality? We're here to help. Startup Matchmaker is the best place for designers and developers to find each other.

[CREATE A PROFILE](#)

Create a Profile

Are you a Designer? Put yourself out there so that others can find you!

[SIGN UP NOW](#)

Find a Developer

Looking for a developer to work with on the next big thing? Look no further.

[START YOUR SEARCH](#)

Find a Designer

Need someone who can make a product intuitive and appealing? Get ready.

[START YOUR SEARCH](#)

© 2013 Startup Matchmaker. Made in NY.

PLANNING – STARTUP MATCHMAKER



EXERCISE

KEY OBJECTIVE

- Demonstrate the ability to plan and build a website

PLANNING

15 min

1. Plan out divs and HTML5 Sections
2. Where will you need to use floats? Inline-block? Will any parent wrappers need a clearfix?
3. What are the base text styles for the page? (font-family, color, background-color, etc.)
4. What are the base styles for headings? (Font, color, etc.)
5. Are there base styles for anchors on the page? (font, color, text-decoration)
6. Where will you need to use classes/ID's as selectors?

LAB – STARTUP MATCHMAKER



KEY OBJECTIVE

- Demonstrate the ability to plan and build a website

LAB SESSION

- | | |
|------------|---|
| 10 min | 1. Hook up Google Fonts (use styleguide.png for reference). |
| | 2. Use a color picker (Sip) to pick main colors (use styleguide.png for reference). |
| 25 min | 3. Get everything where it needs to be! Add styles for page structure (columns, floats, inline-block, clear: both, clarifix). Use " <i>Steps to achieve a multi-column layout</i> " in review section for reference |
| 15 min | 4. Look up background-image, background-position, and background-repeat properties in CSS (Eric recommends MDN). Implement the background image and "overlay". |
| 5 min | 5. Add base Styles (base fonts, colors, etc.) |
| 20 min | 6. Add base styles for headers, anchors, text |
| Until 8:50 | 7. Style everything else! |
| | 8. Super bonus: Build pages for designers and developers (use pngs in starter code folder for reference) |

LAB – STARTUP MATCHMAKER (HACKER EDITION)



EXERCISE

KEY OBJECTIVE

- Demonstrate the ability to plan and build a website

LAB SESSION

Until 8:50

1. Materials for the advanced version are in the `startup_matchmaker_advanced` folder.
2. Set up folder/document structure for project (feel free to use the `html_template` as a starter!)
3. Gather content (in `copy.txt`) and add HTML Markup
4. Focus on layout styles first (getting everything in place)
5. Then add colors, text styles, fonts, etc.
6. Tidy things up
7. **Super bonus:** Build pages for designers and developers (use pngs in starter code folder for reference)

LEARNING OBJECTIVES

- Practice web development by transforming a design comp into a webpage.

LAB

HOMEWORK

HOMEWORK

FEEDBACK GROUPS

FEEDBACK GROUPS

IF YOU ARE STUCK...

- 1) Use the “Chrome Inspector” to look at your code
 - 2) Ask your question in the Slack channel and see if any fellow students might know the answer
 - 3) Ask Eric & Adriana
- * When using your fellow students and instructors, pushing your code to Github is a great place to share where all of your code is currently at.

FEEDBACK GROUPS

GROUP 1 (ADRIANA)

Kimberly Baird
Tom Bunting
Michael Fischer
Jim Howes
Jon Iler
Peyton Lee
Blanca Leon-Carter
Anna Matras
Christopher Zalek

TO: ADRIANA.LCS316@GMAIL.COM

GROUP 2 (ERIC)

Corin Menuge
Colin Quirk
Allison Schaffer
Kevin Sella
Michael Sena
Nicholas Skeba
Ashley Sullivan
Lisa Vasquez
Katrina Wang
Xi Yue Li

TO: EBOYER@GMAIL.COM

FEEDBACK GROUPS

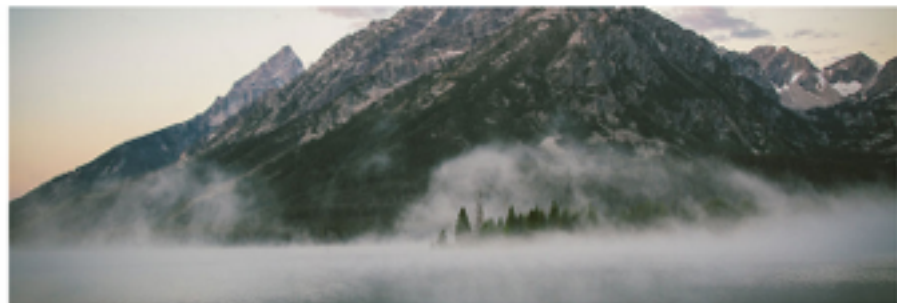
DUE 11:59PM, SUNDAY MAR 6TH

- Get your travel blog to a good point of having questions and getting feedback
- Complete the “Startup Matchmaker” assignment
- Add files, Commit, and Push/Publish your homework to your class Github Repo

***Feedback given between Monday AM - Tuesday PM**

11/12/15

Camping by Loon Lake



Cray culpa stumptown, flexitarian ex Odd Future do fugiat Wes Anderson proident 3 wolf moon officia bitters small batch. Et consequat do, nulla you probably haven't heard of them High Life scenester. Vinyl fugiat High Life, kogi do VHS in aliqua lo-fi leggings gentrify Neutra tumblr. Odio vegan PBR, Marfa forage blue bottle try-hard readymade meggings retro delectus Echo Park. Ugh consectetur farm-to-table forage, laboris blue bottle McSweeney's tattooed excepteur yr. Magna ut Schlitz flexitarian, vinyl craft beer proident yr forage 8-bit ethical sustainable placeat retro. Officia pickled beard, adipisicing gluten-free sint craft beer quis thundercats id 3 wolf moon fashion axe.

[Continues...](#)

About Us

On the Road is u salvia, fixie mumblecore ex aesthetic qui minim blog cliché. Retro disrupt keytar PBR, delectus consectetur flexitarian fingerstache selfies nostrud Schlitz. Tempor Wes Anderson banh mi bicycle rights. Eu occaecat Williamsburg yr letterpress, biodiesel plaid tote bag cliché messenger bag lomo bespoke sapiente next level.

[More...](#)

Ad

11/11/15

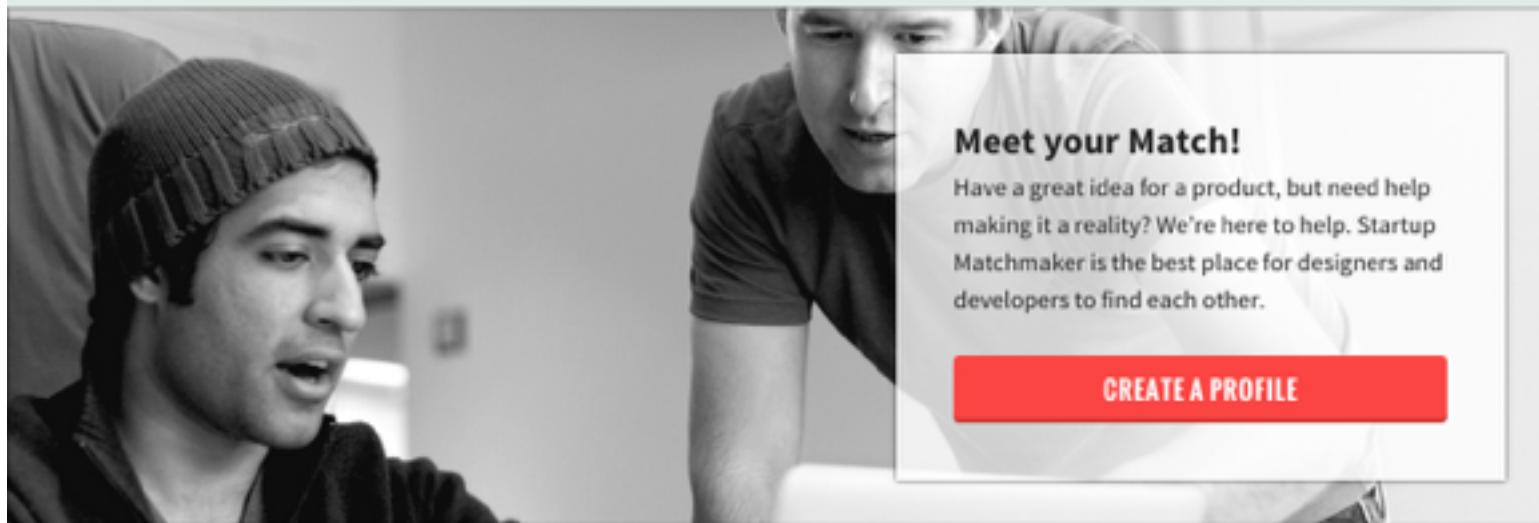
A Morning Hike in Big Sur



Popular Posts

- [Breakfast in the Bay](#)
- [Morning Crescent](#)
- [Above the Clouds](#)
- [Camper update - Kitchen Rehaul](#)
- [Journey through Muir Woods](#)
- [Playing in a Travelling Band](#)
- [Berkeley Mountain Hike](#)

Because two heads are better than one.



Meet your Match!

Have a great idea for a product, but need help making it a reality? We're here to help. Startup Matchmaker is the best place for designers and developers to find each other.

[CREATE A PROFILE](#)

Create a Profile

Are you a Designer? Put yourself out there so that others can find you!

[SIGN UP NOW](#)

Find a Developer

Looking for a developer to work with on the next big thing? Look no further.

[START YOUR SEARCH](#)

Find a Designer

Need someone who can make a product intuitive and appealing? Get ready.

[START YOUR SEARCH](#)

FRONT-END WEB DEVELOPMENT

SNACKS & DESIGN

TUESDAY MAR 7TH

BLANCA LEON-CARTER, ANNA MATRAS

(GOOGLE SHEET IS PINNED IN SLACK)

LAB

EXIT TICKETS