

# Crash Course in Flexbox & CSS Grid

Rad CSS Layout Stuff You Can Do!

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# About Me

- He / Him / His
- Owner @ South of Shasta,  
VP of Engineering @ e-Mission Control
- Organizer @ Sac Interactive Tech Meetup  
(formerly Sacramento CFUG)
- Recovering Video Game Developer (Grim  
Fandango, SimPark, Star Wars Phantom  
Menace, etc)
- Music Junkie





I'M REAL PROUD OF MY  
RECORD COLLECTION



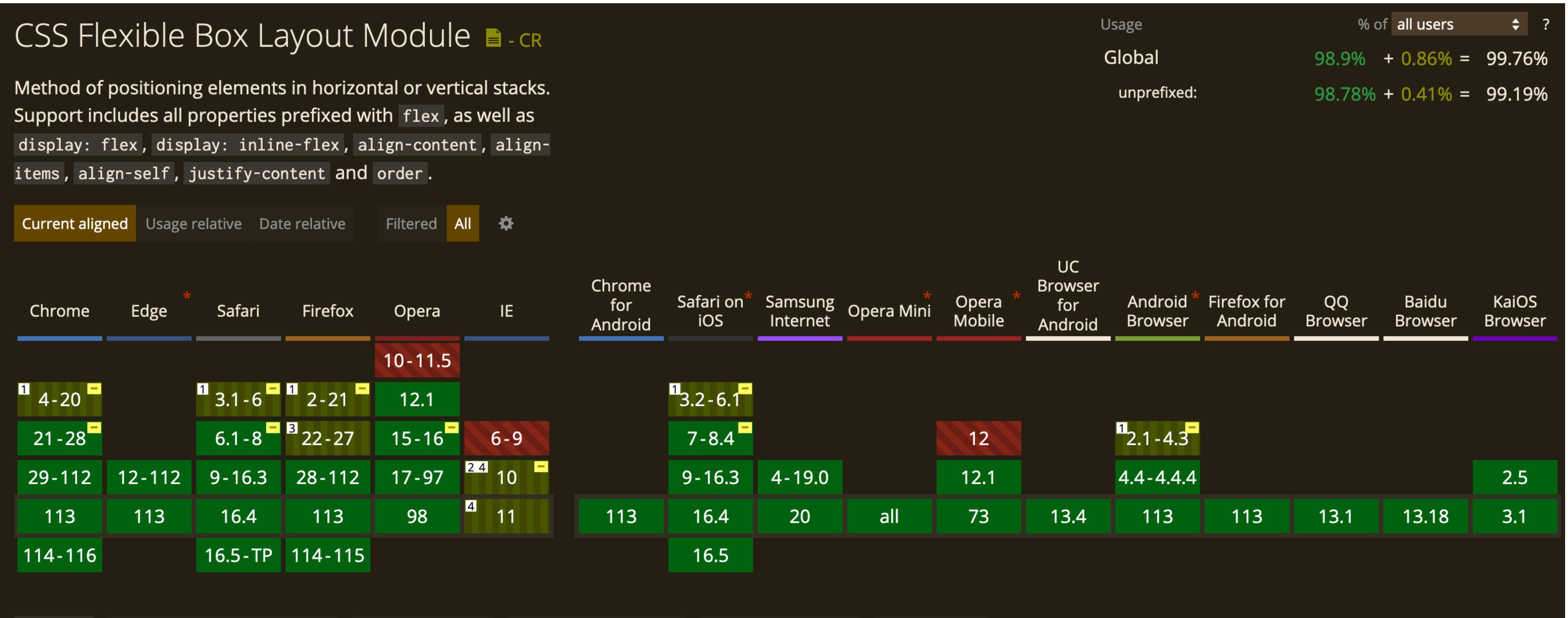
# What are Flexbox and CSS Grid?

- CSS language enhancements
  - Solve common layout problems
  - Alignment, height, grid systems
  - CSS things that used to be more challenging
- Not a ColdBox add-on. ;)

# What are Flexbox and CSS Grid?

- Not an add-on.
- Built into the browsers already.
- Does not require Bootstrap, Tailwind, CommandBox, npm, etc.
- It “just works”.

# Flexbox Compatibility



# CSS Grid Compatibility



# Let's Get Started!

# Floats

[1-floats.html](#)

# Positioning

[2-positioning.html](#)

# Flexbox

[3-flexbox.html](#)

# Centering

[4-centering.html](#)

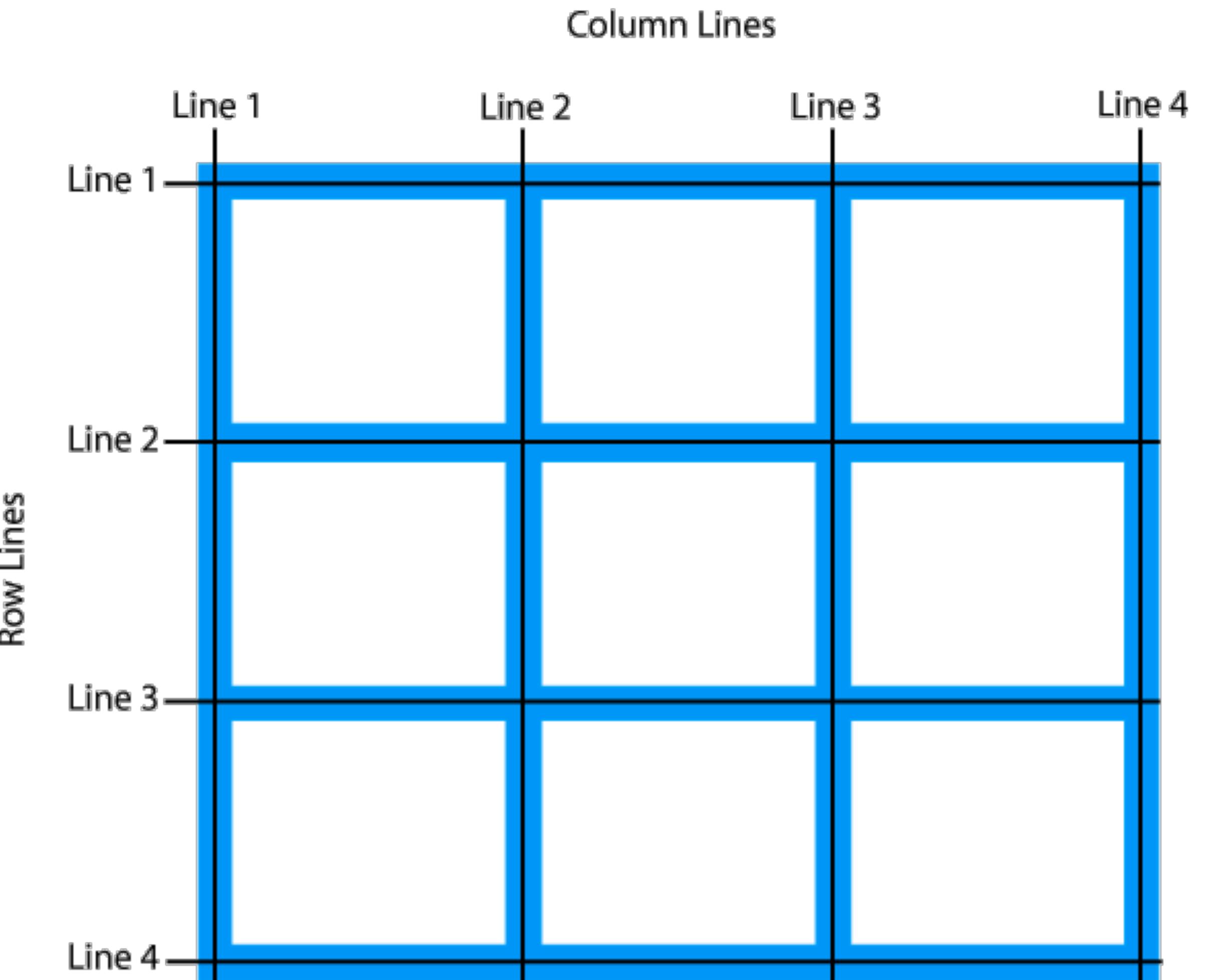
# CSS Grid

# CSS Grid

- Flexbox = moving content in 1 direction
  - Items in a container
- CSS Grid = moving content in 2 directions
  - Rows, columns, space (gutter)
  - Similar-ish to Bootstrap grid system idea (col-xs-12, col-md-4, etc)
  - Like <table> hacks but done *correctly*
    - A11y compliant, won't get you sued

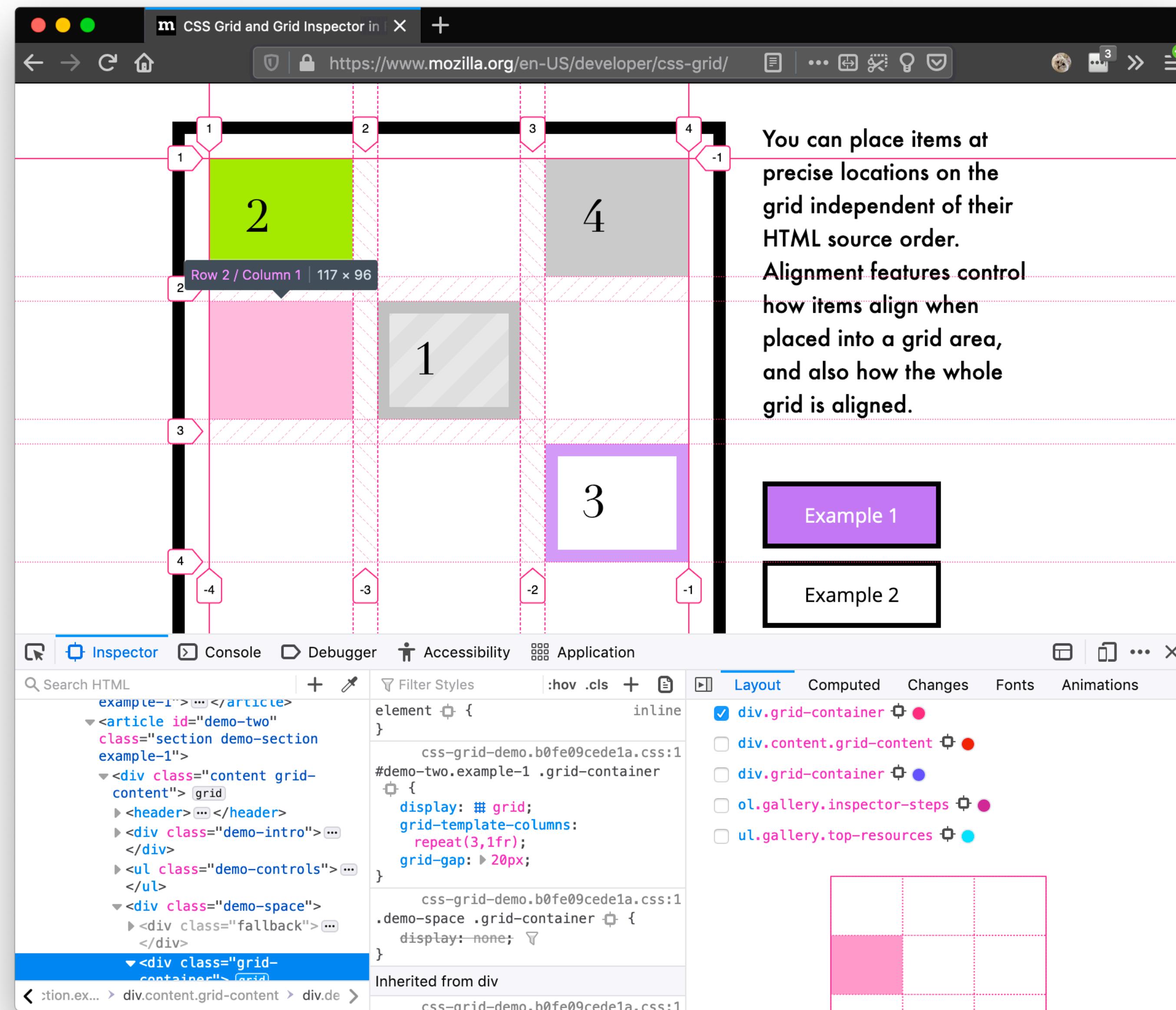
# CSS Grid Columns and Gaps

- Grid broken up by “lines”.
- Can be a tricky concept at first.
- Number the spaces *between* the rows and columns, not the columns themselves.
- Takes some planning to lay out your pages.



Source: w3schools.com

# Grid Inspector



# For More Info

- Scott McCallister's video on YouTube
  - on the South of Shasta YouTube channel
- Ben Nadel's recent blog(s)
- Fun Fact: Works for PDF generation w/ the latest ACF, released this week! (Probably Lucee too, I just haven't tried it yet to confirm.)
- A zillion other YouTube videos and tutorials, all explain it a little differently from each other. Which is a good thing.

# Learning in 30 Minutes a Day

# Any questions?

- You can find me here:
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# THANK YOU

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