



# CSS GRID CRASH COURSE

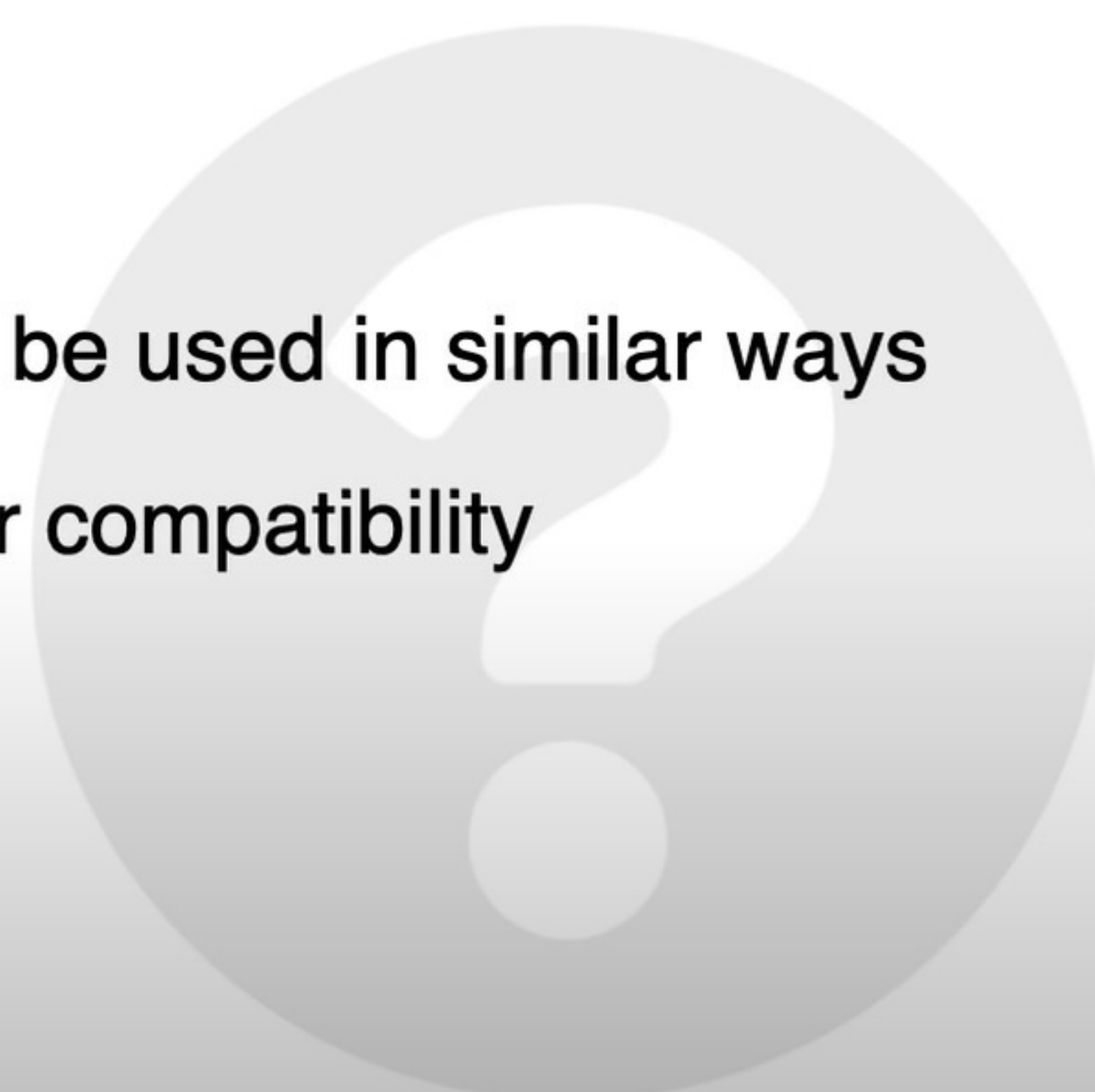
Traversy Media



# What Is CSS Grid?

**CSS Grid** is a powerful tool that CSS gives us to easily align items and create two-dimensional layouts.

- Grid and Flexbox are both part of CSS and can both be used in similar ways
- Flexbox was created first and has a bit more browser compatibility
- I would highly recommend learning both of them



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1.25x







**Daniel Clifford**  
Verified Graduate

I received a job offer mid-course, and the subjects I learned were current, if not more so, in the company I joined. I honestly feel I got every penny's worth.

"I was an EMT for many years before I joined the bootcamp. I've been looking to make a transition and have heard some people who had an amazing experience here. I signed up for the free intro course and found it incredibly fun! I enrolled shortly thereafter. The next 12 weeks was the best - and most grueling - time of my life. Since completing the course, I've successfully switched careers, working as a Software Engineer at a VR startup."



**Jonathan Walters**  
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The team was very supportive and kept me motivated

"I started as a total newbie with virtually no coding skills. I now work as a mobile engineer for a big company. This was one of the best investments I've made in myself."



**Kira Whittle**  
Verified Graduate

Such a life-changing experience. Highly recommended!

"Before joining the bootcamp, I've never written a line of code. I needed some structure from professionals who can help me learn programming step by step. I was encouraged to enroll by a former student of theirs who can only say wonderful things about the program. The entire curriculum and staff did not disappoint. They were very hands-on and I never had to wait long for assistance. The agile team project, in particular, was outstanding. It took my learning to the next level in a way that no tutorial could ever have. In fact, I've often referred to it during interviews as an example of my development experience. It certainly helped me land a job as a full-stack developer after receiving multiple offers. 100% recommend!"



**Jeanette Harmon**  
Verified Graduate

An overall wonderful and rewarding experience

"Thank you for the wonderful experience! I now have a job I really enjoy, and make a good living while doing something I love."



**Patrick Abrahms**  
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Awesome teaching support from TAs who did the bootcamp themselves. Getting guidance from them and learning from their experiences was easy.

"The staff seem genuinely concerned about my progress which I find really refreshing. The program gave me the confidence necessary to be able to go out in the world and present myself as a capable junior developer. The standard is above the rest. You will get the personal attention you need from an incredible community of smart and amazing people."





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# Grid Containers & Grid Items

The **grid container** is the element that holds **grid items**. Grid items are direct children of grid containers. A container is created with *display: grid*



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  <div>Grid Item 1</div>  
  <div>Grid Item 2</div>  
    
</div>
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</div>
```

## Grid Container Properties

grid-template columns  
grid-template-rows  
grid-gap  
grid-auto-rows  
grid-auto-columns  
grid-template-areas  
justify-content  
align-items

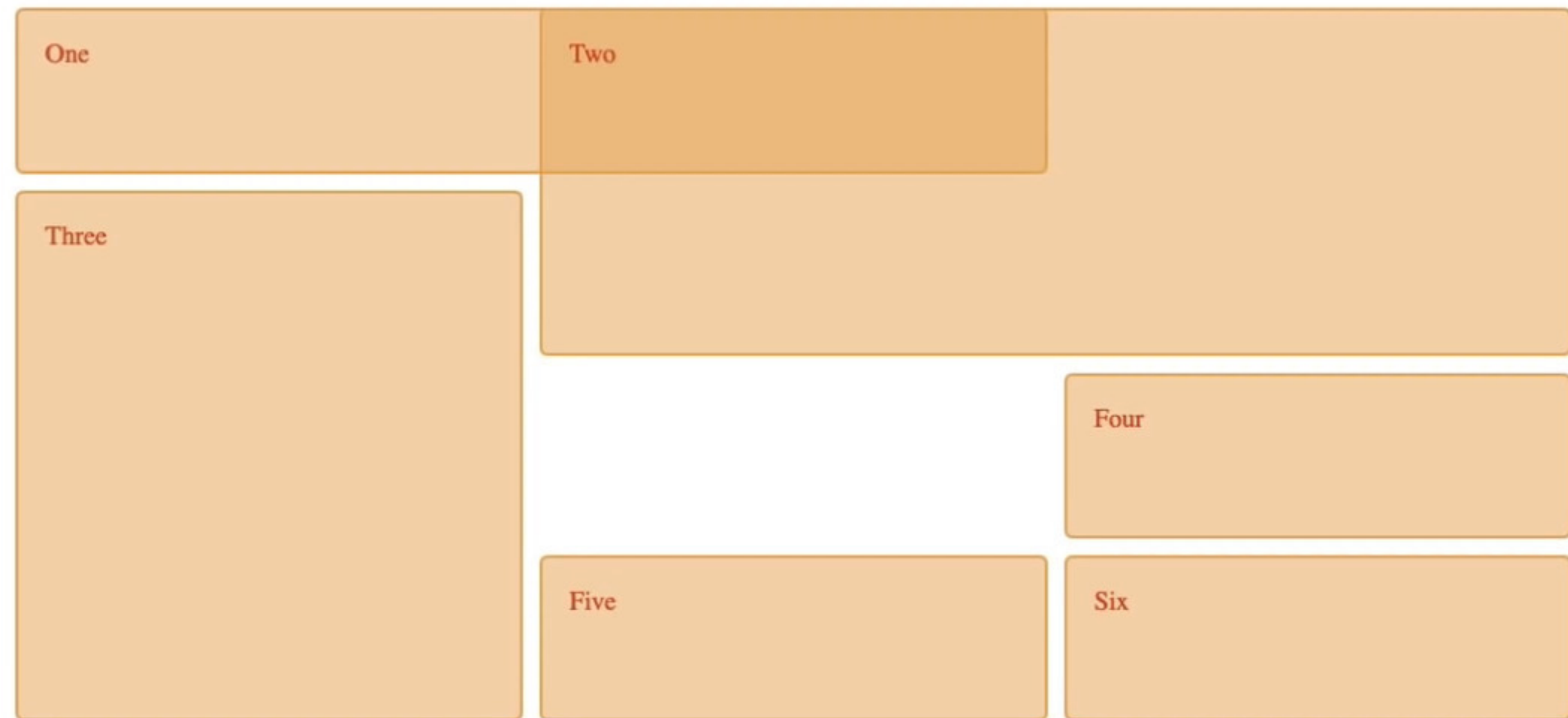
## Grid Item Properties

grid-column  
grid-row  
grid-area  
align-self  
justify-self

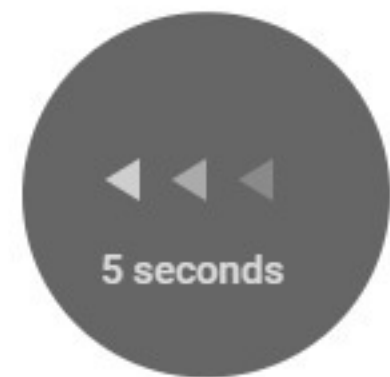


# Two Dimensional Layouts

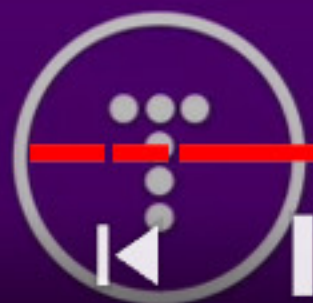
Unlike Flexbox, which is one-dimensional and can be either a row or column, a CSS Grid allows us to create two-dimensional layouts with rows AND columns



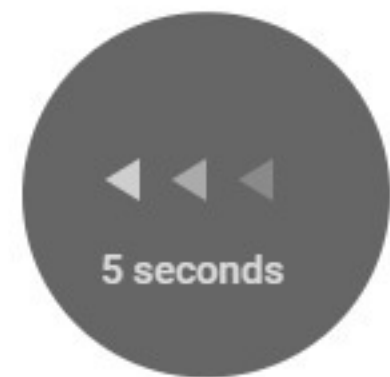




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