# CSS Grid Layout

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# Support

## CSS Grid Layout 📄 - CR

Global     31.32% + 5.69% = 37.01%

unprefixed:     31.32%

Method of using a grid concept to lay out content, providing a mechanism for authors to divide available space for layout into columns and rows using a set of predictable sizing behaviors

**Current aligned** | Usage relative | Date relative | Show all

| IE | Edge * | Firefox | Chrome | Safari | Opera | iOS Safari * | Opera Mini * | Android Browser * | Chrome for Android |
|---|---|---|---|---|---|---|---|---|---|
| | | | 1️⃣ 49 🚩 | | | | | | |
| | | | 1️⃣ 55 | | | | | | |
| | | 3️⃣ 51 🚩 | 1️⃣ 56 🚩 | | | 9.3 | | 4.4 | |
| | 2️⃣ 14 ➖ | 5️⃣ 52 | 4️⃣ 57 | 10 | 1️⃣ 43 🚩 | 10.2 | | 4.4.4 | |
| 2️⃣ 11 ➖ | 2️⃣ 15 ➖ | 5️⃣ 53 | 58 | 10.1 | 44 | 10.3 | all | 56 | 4️⃣ 57 |
| | | 54 | 59 | TP | 45 | | | | |
| | | 55 | 60 | | 46 | | | | |
| | | 56 | 61 | | | | | | |

# Grid Container

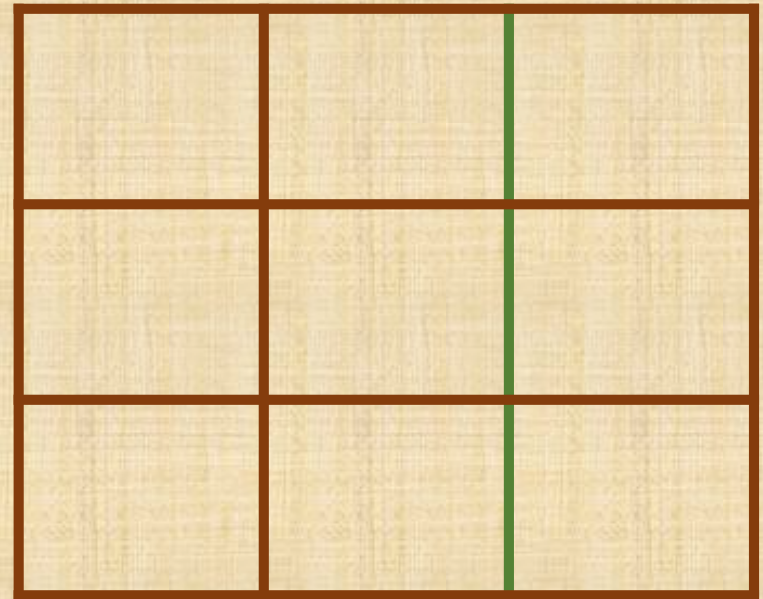This is the element on which display: grid is applied.

```
<div class="container">
    <div class="grid-item"></div>
    <div class="grid-item"></div>
    <div class="grid-item"></div>
    <div class="grid-item"></div>
    <div class="grid-item"></div>
    <div class="grid-item"></div>
</div>
```
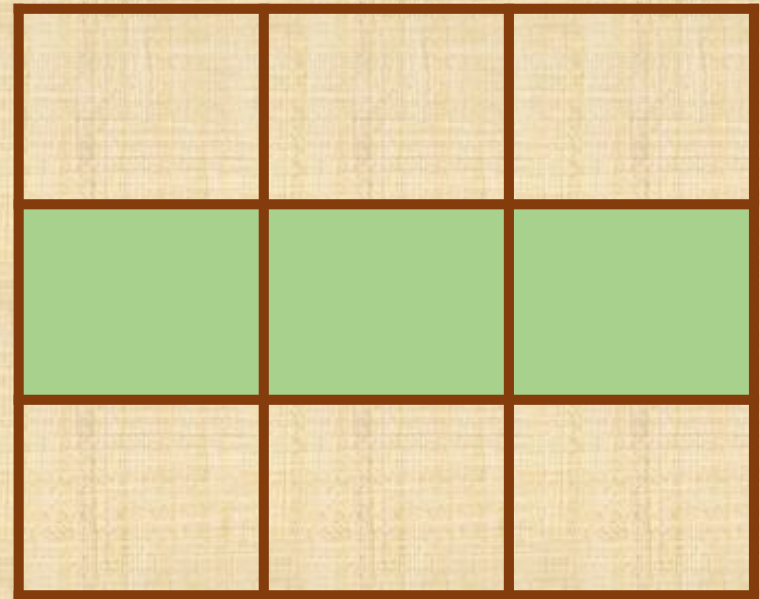
# Grid Item

The children of the grid container

```
<div class="container">
    <div class="item"></div>
    <div class="item"></div>
    <div class="item">
        <div class="sub-item"></div>
    </div>
    <div class="item"></div>
</div>
```

# Grid Line

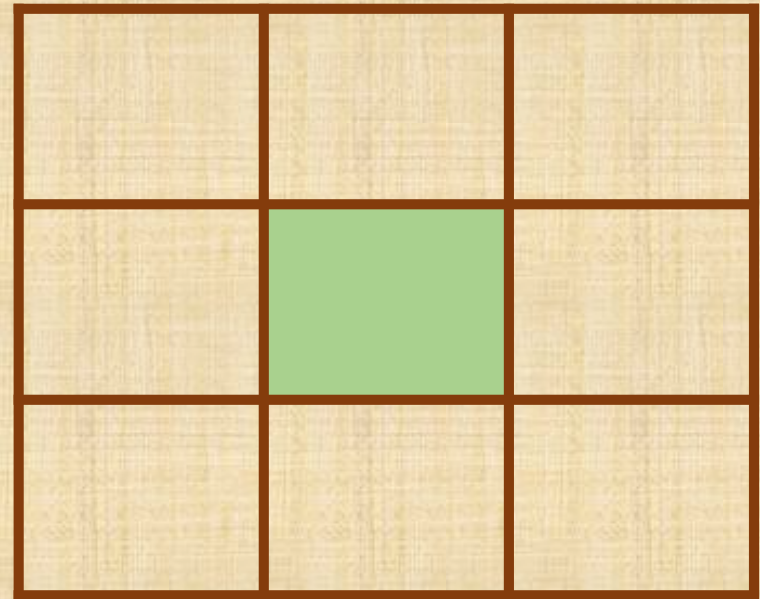The dividing lines that make up the structure of the gird.

# Grid Track

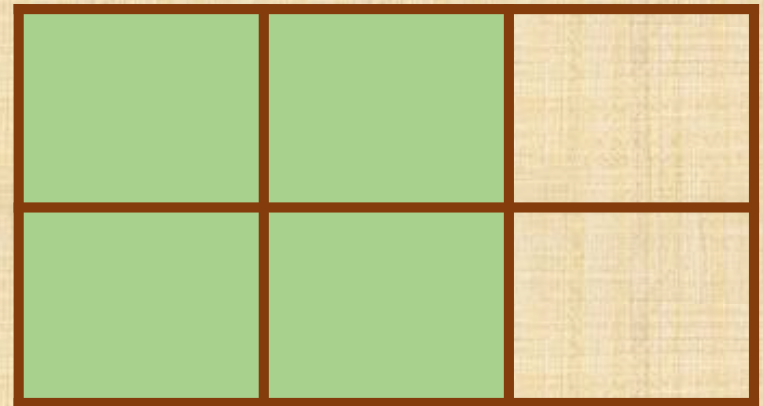The space between two adjacent grid lines – i.e. columns and rows.

# Grid Cell

The space between two adjacent row and two adjacent column grid lines
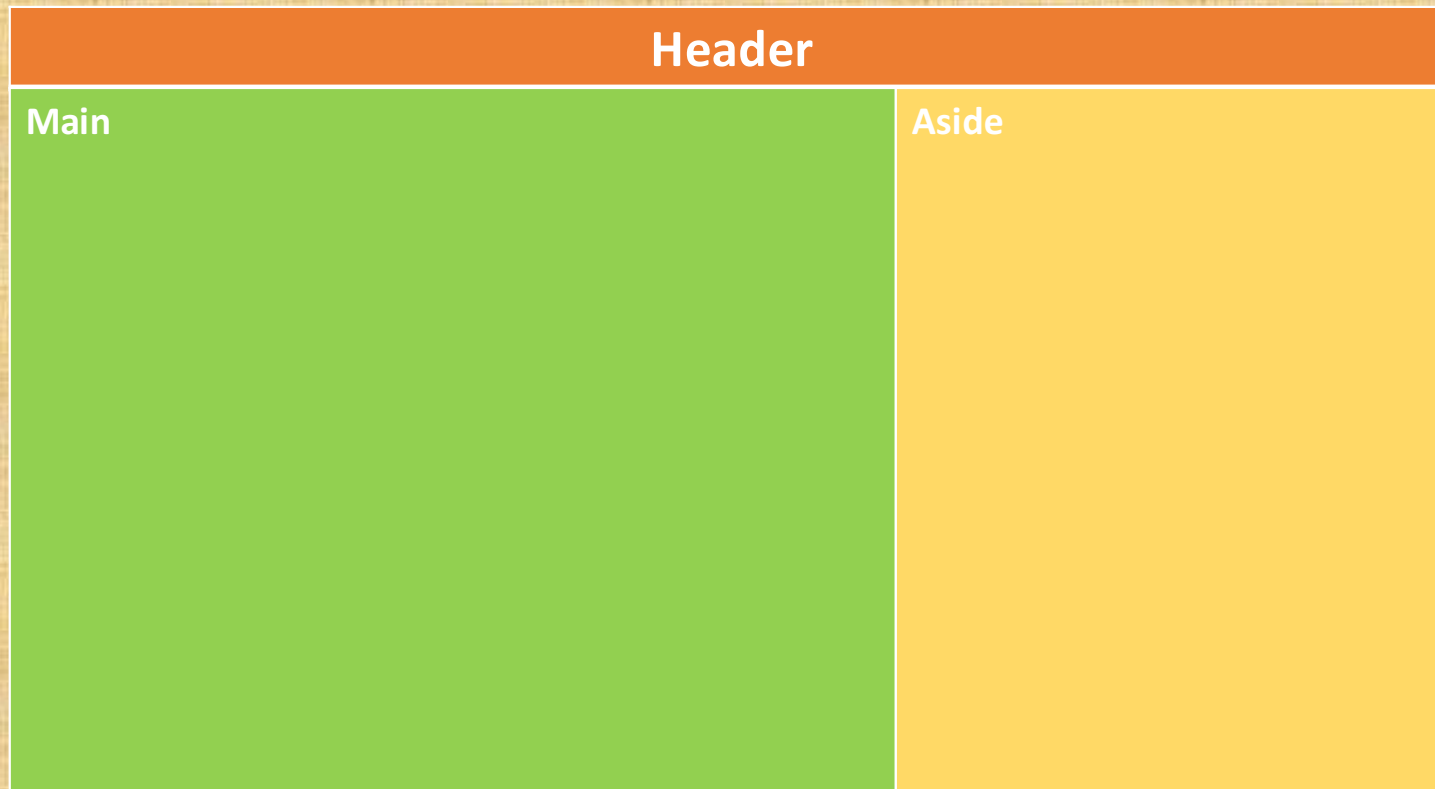
# Grid Area

The total space surrounded by four grid lines.

# Live Demo

# Example

| Header | |
|---|---|
| **Main** | **Aside** |

# Thank you!

**Resources**

- CSS Tricks
- Grid by example
- cssgrid-ama – Rachel Andrew