

# Gotchas, Browser Support, & Resources

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CHIEF WEB DESIGNER



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Stuff to Consider and Look Out For



# Browser Support





A black and white photograph of various mechanical gears and shafts scattered on a surface. The image features several gears of different sizes, some with multiple teeth, and several shafts of varying lengths and diameters. The gears are arranged in a somewhat chaotic manner, with some overlapping. The shafts are also scattered, with some showing signs of wear or damage. The overall composition is a close-up shot, focusing on the intricate details of the mechanical parts.

# Resources



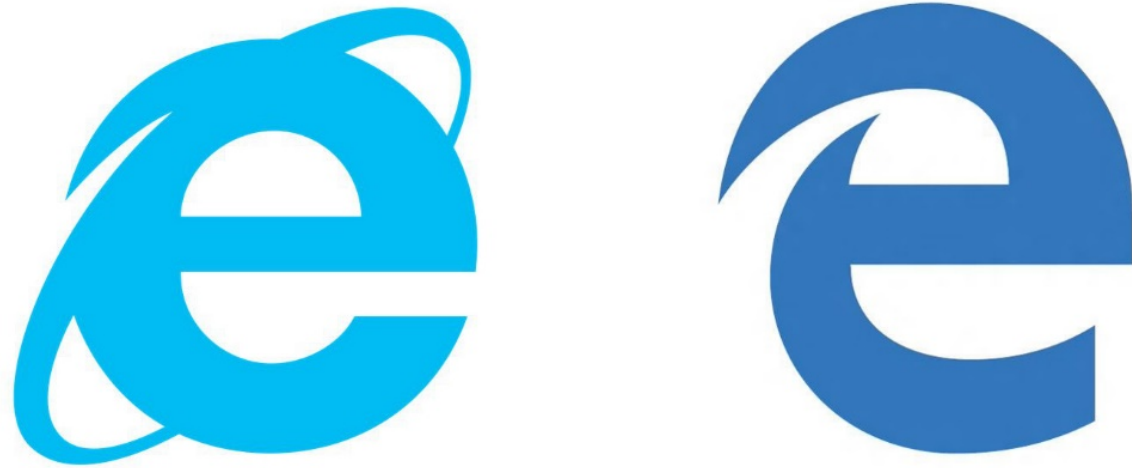
It's a Wrap!



# Gotchas

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# Custom Microsoft Implementation



# Source Order

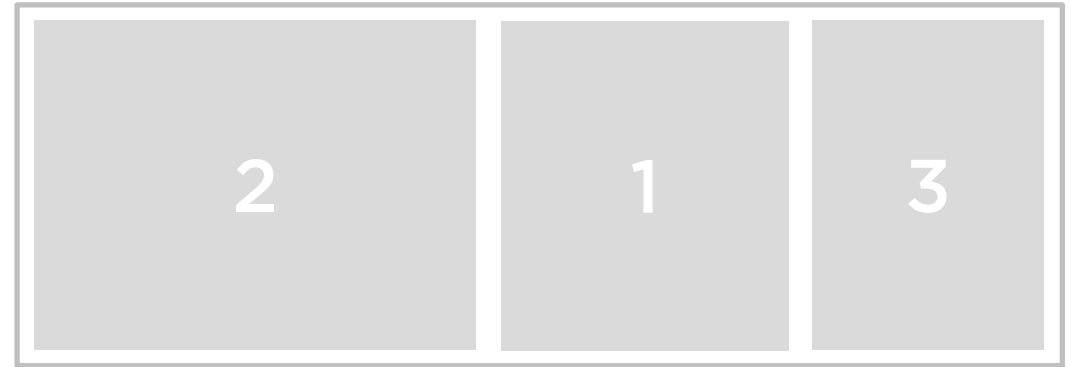
```
<div class="flex-container">  
  <div class="flex-item">  
    1  
  </div>  
  <div class="flex-item">  
    2  
  </div>  
  <div class="flex-item">  
    3  
  </div>  
</div>
```



# Source Order

```
<div class="flex-container">  
  <div class="flex-item">  
    1  
  </div>  
  <div class="flex-item">  
    2  
  </div>  
  <div class="flex-item">  
    3  
  </div>  
</div>
```

# Display Order



# Accessibility



# Document Structure Still Matters



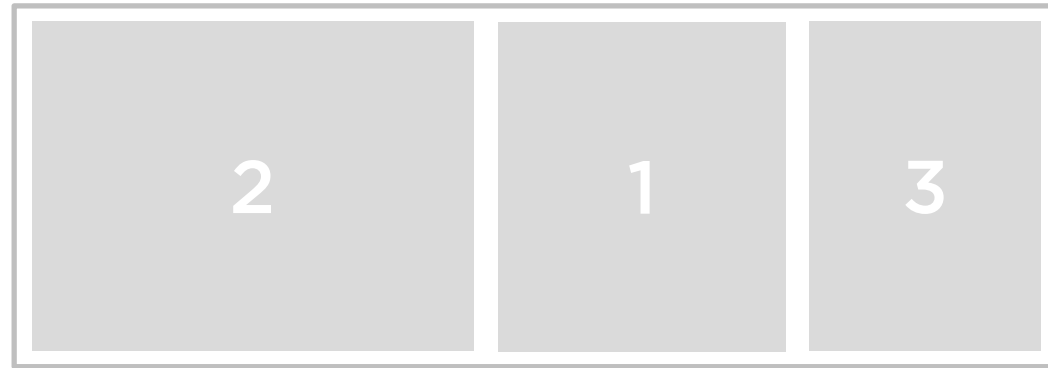
Use Proper Semantics

It's Ok to Reorder Visually

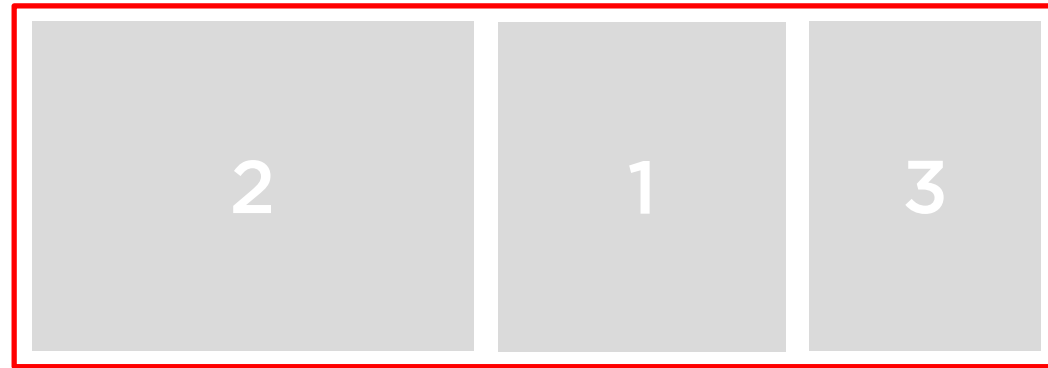
Will Not Change the  
Underlying Structure



# Strange Navigation Flows

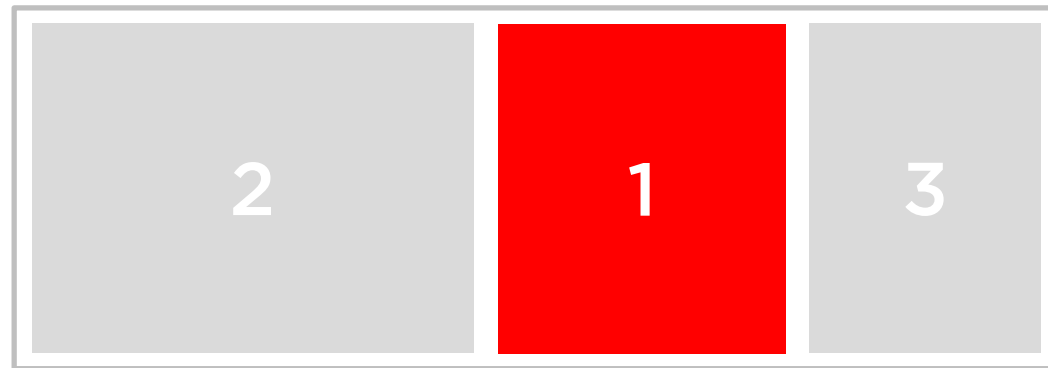


# Strange Navigation Flows



Tab 01

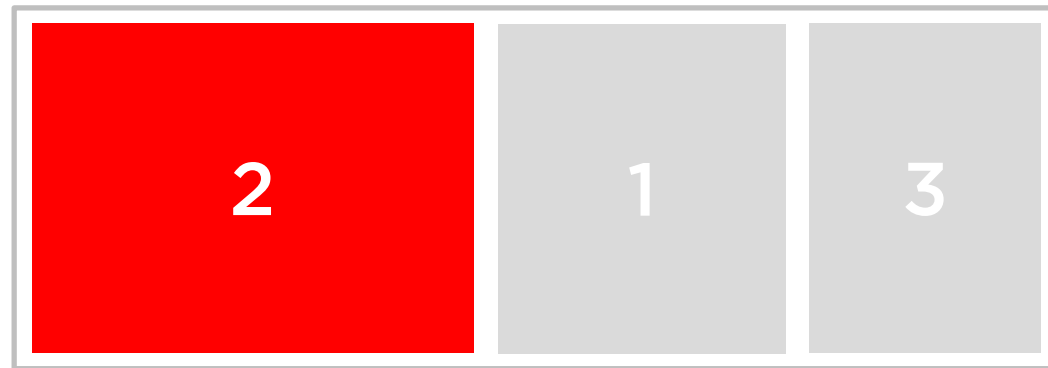
# Strange Navigation Flows



Tab 02

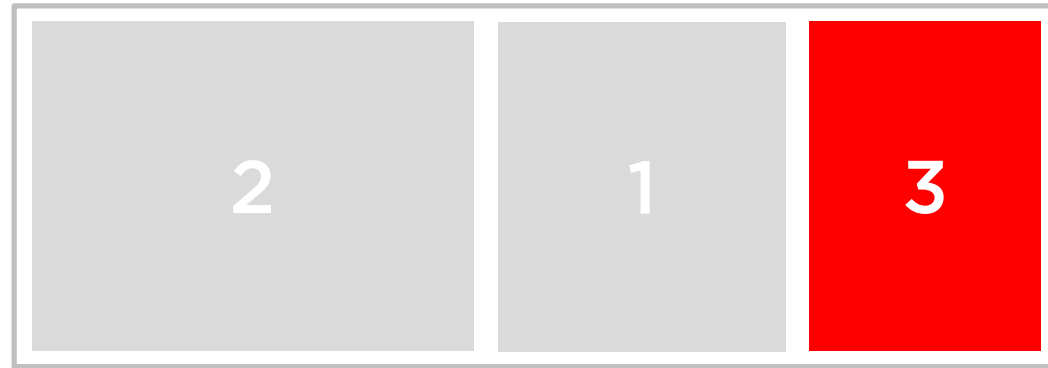


# Strange Navigation Flows



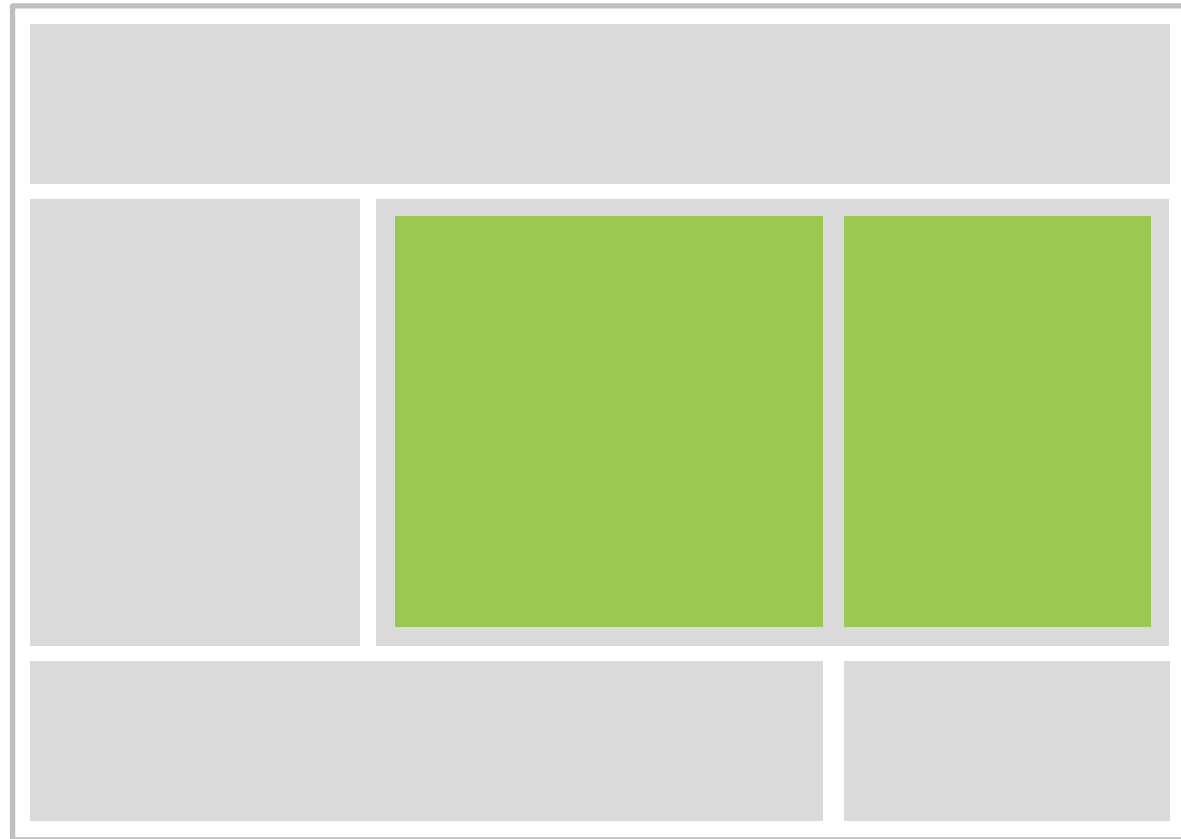
Tab 03

# Strange Navigation Flows



Tab 04

# Sub Grid



# Flexbugs

<https://github.com/philipwalton/flexbugs>

# Grid “Request For Comments”

<http://www.w3.org/blog/CSS/2015/08/10/css-grid-pls-review/>

# Browser Support

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**IE10**

**OLDER SYNTAX**



**IE10**  
**OLDER SYNTAX**



**IE11 and Edge**  
**CURRENT SYNTAX**

box

2009

box

2009

flex

Current



Flexbox = Great Support



Grid = Not Much Support



# Grid is Coming!



# Grid is Coming!



# Grid is Coming!



Getting Impatient?

# Get the Polyfill

<https://github.com/FreemyCompany/css-grid-polyfill>

Flexbox & Grid  
Are the Future!





# Resources

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# CSS Layout Newsletter

<http://csslayout.news/>

# Grid By Example

<http://gridbyexample.com/>

# A Visual Guide to Flexbox Properties

<https://scotch.io/tutorials/a-visual-guide-to-css3-flexbox-properties>

# Solved by Flexbox

<http://philipwalton.github.io/solved-by-flexbox/>



# Complete Guide to Flexbox

<https://css-tricks.com/snippets/css/a-guide-to-flexbox/>

# Complete Guide to Grid

<https://css-tricks.com/snippets/css/complete-guide-grid/>

# Summary

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# Modern Web Layout



The future of web layout is here!

Easily lay items out in a flexible manner & distribute extra space

Align items in many different ways

Visually reorder items with ease

Easily flow items in rows & columns

Soon we will have a two dimensional native grid system

Developed for modern web applications

Create simple or complex layouts