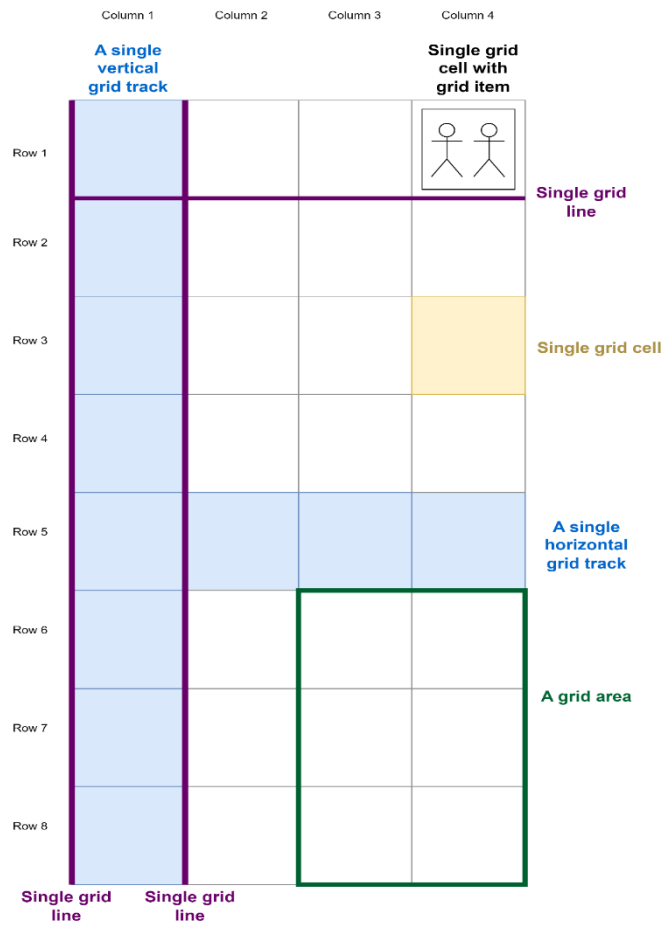
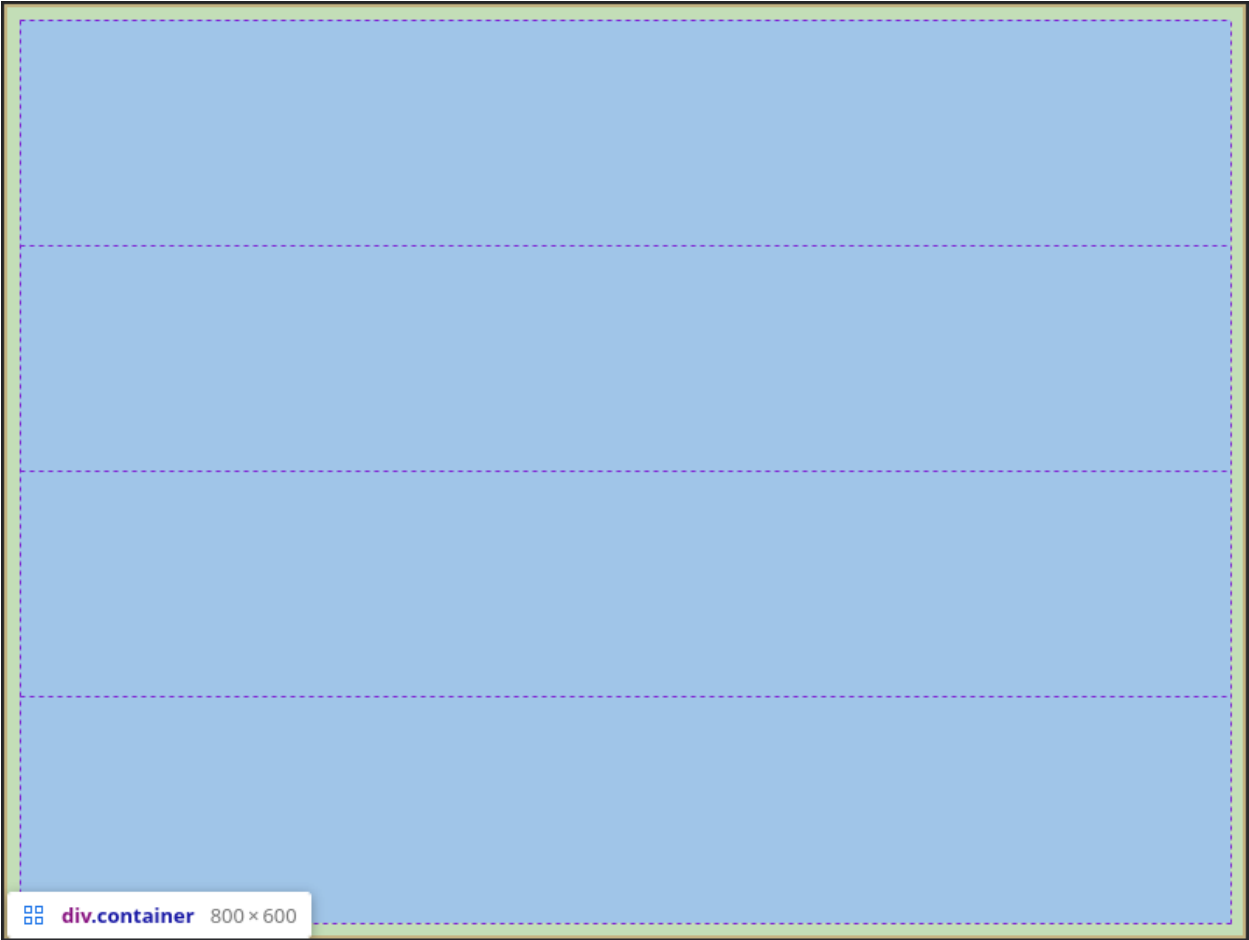
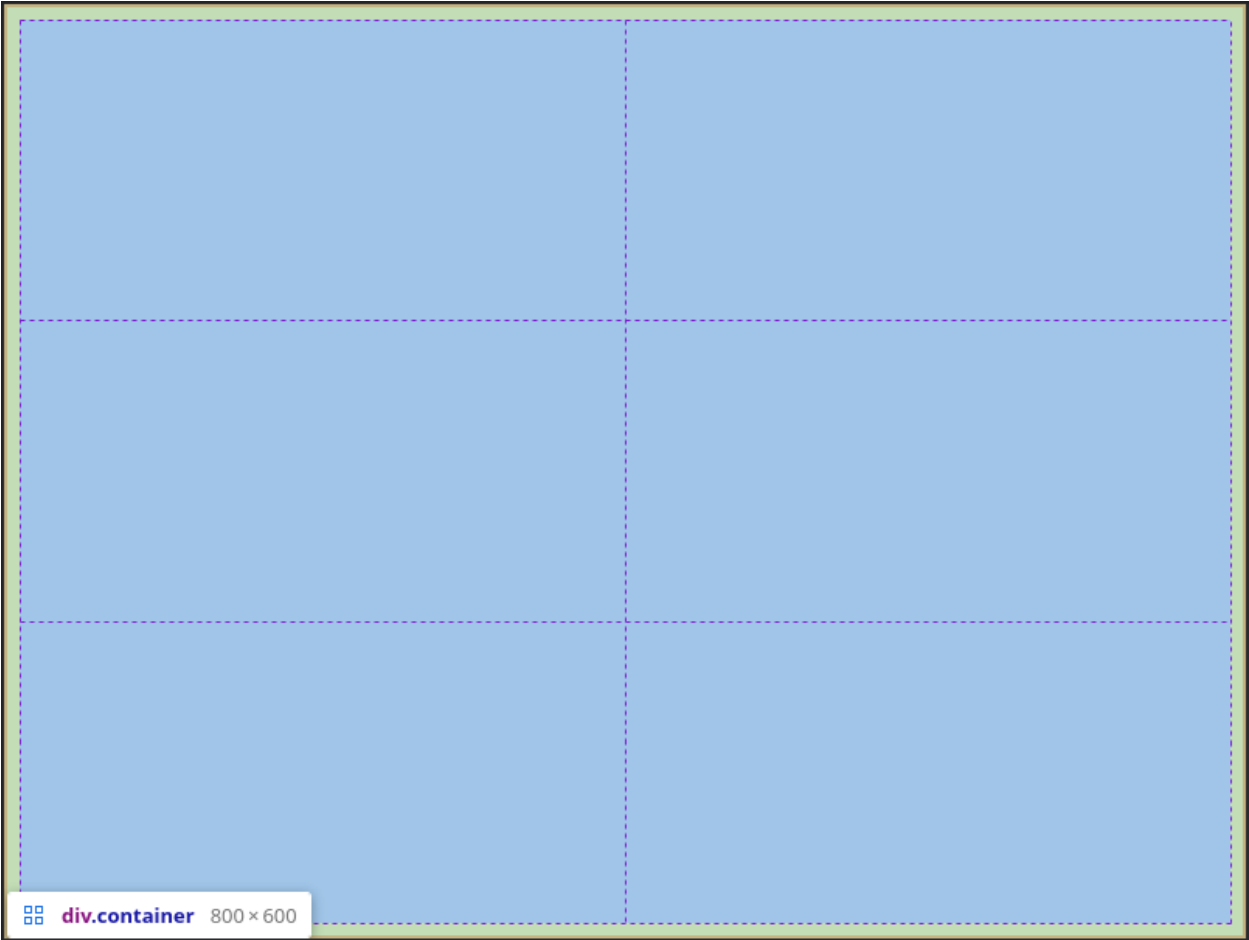


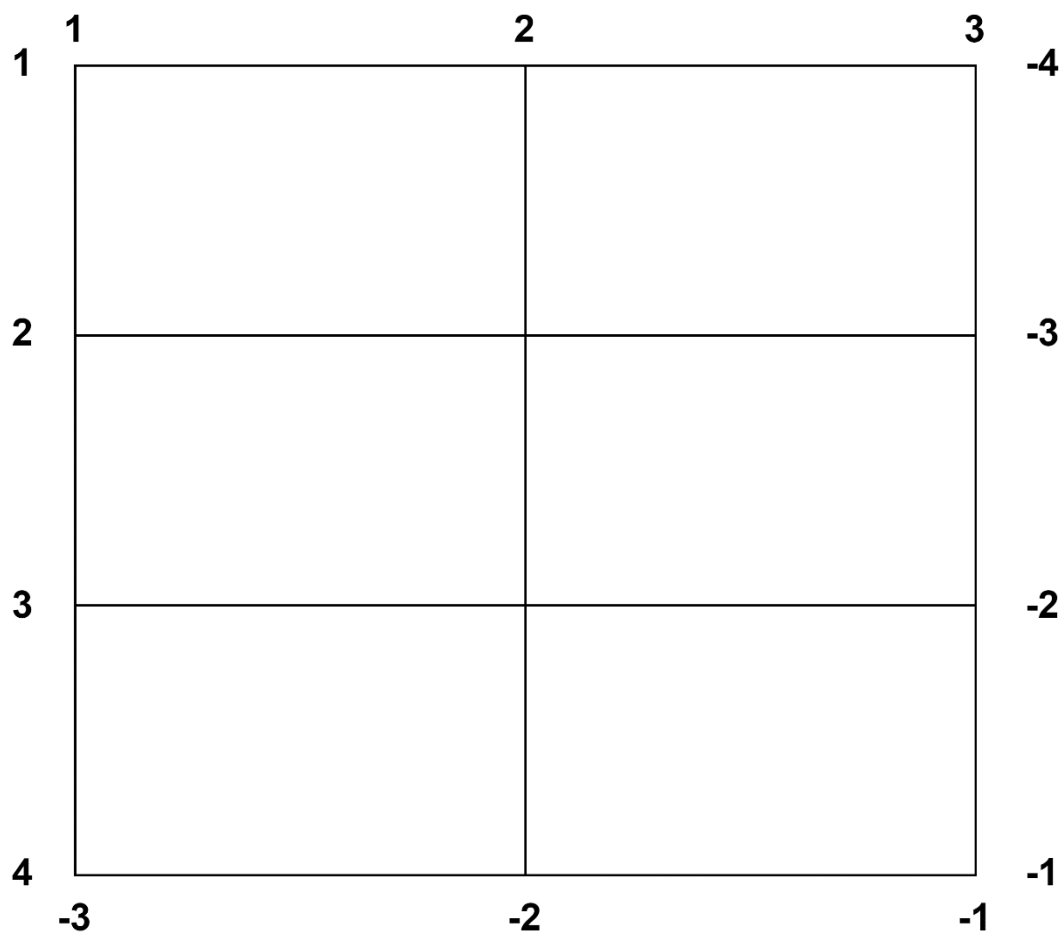
Chapter 1: Understanding the Basic Rules and Structures for CSS Grid

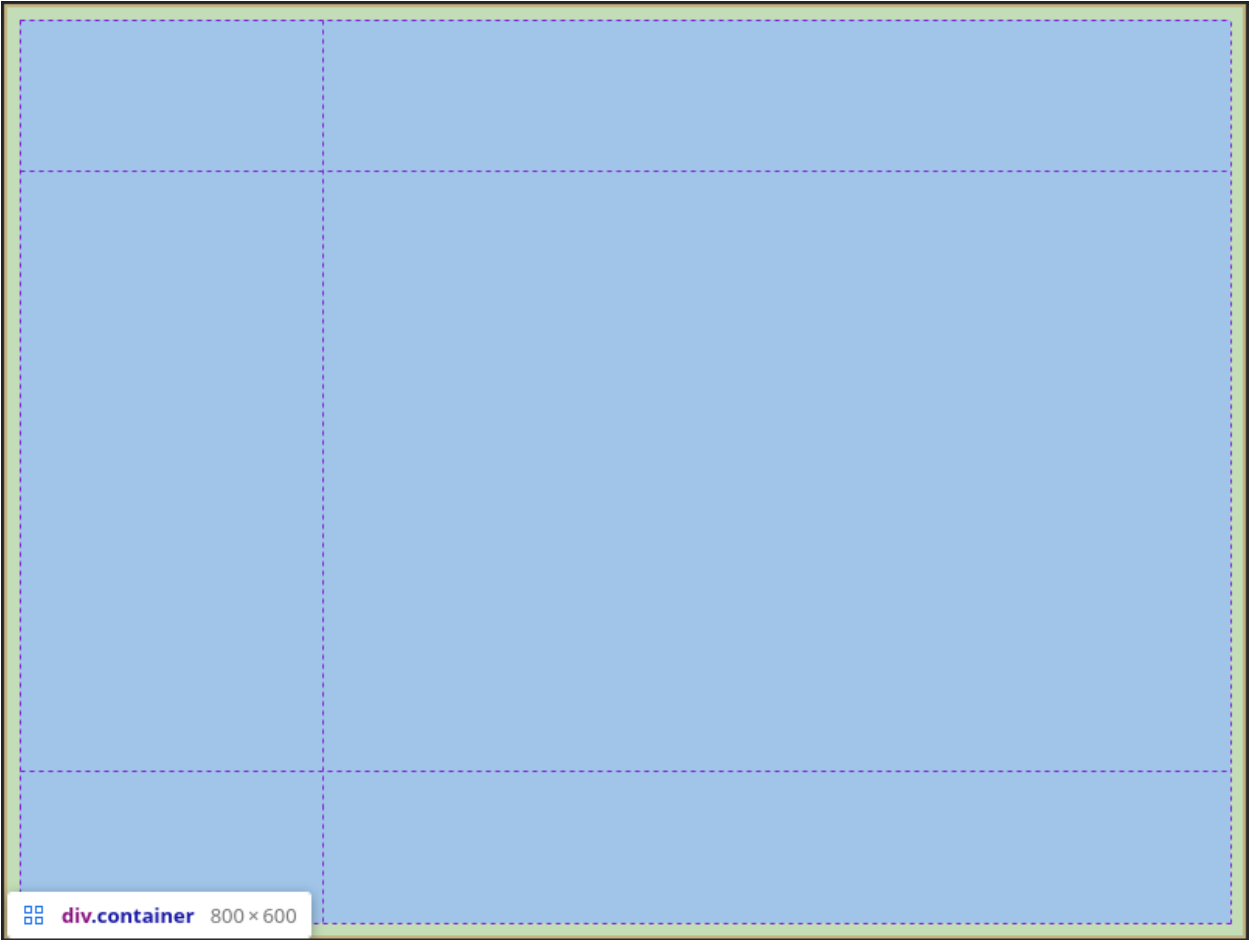


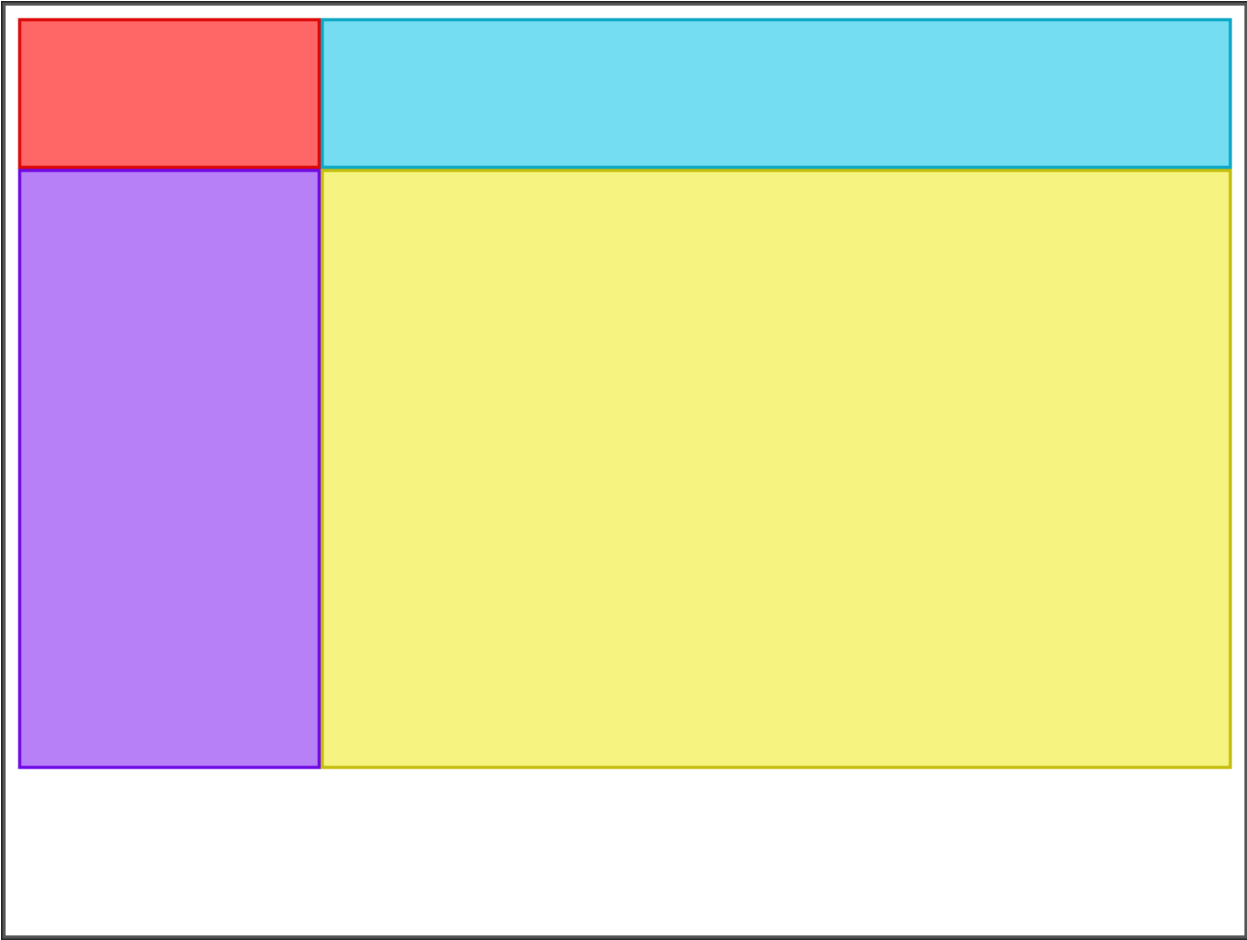


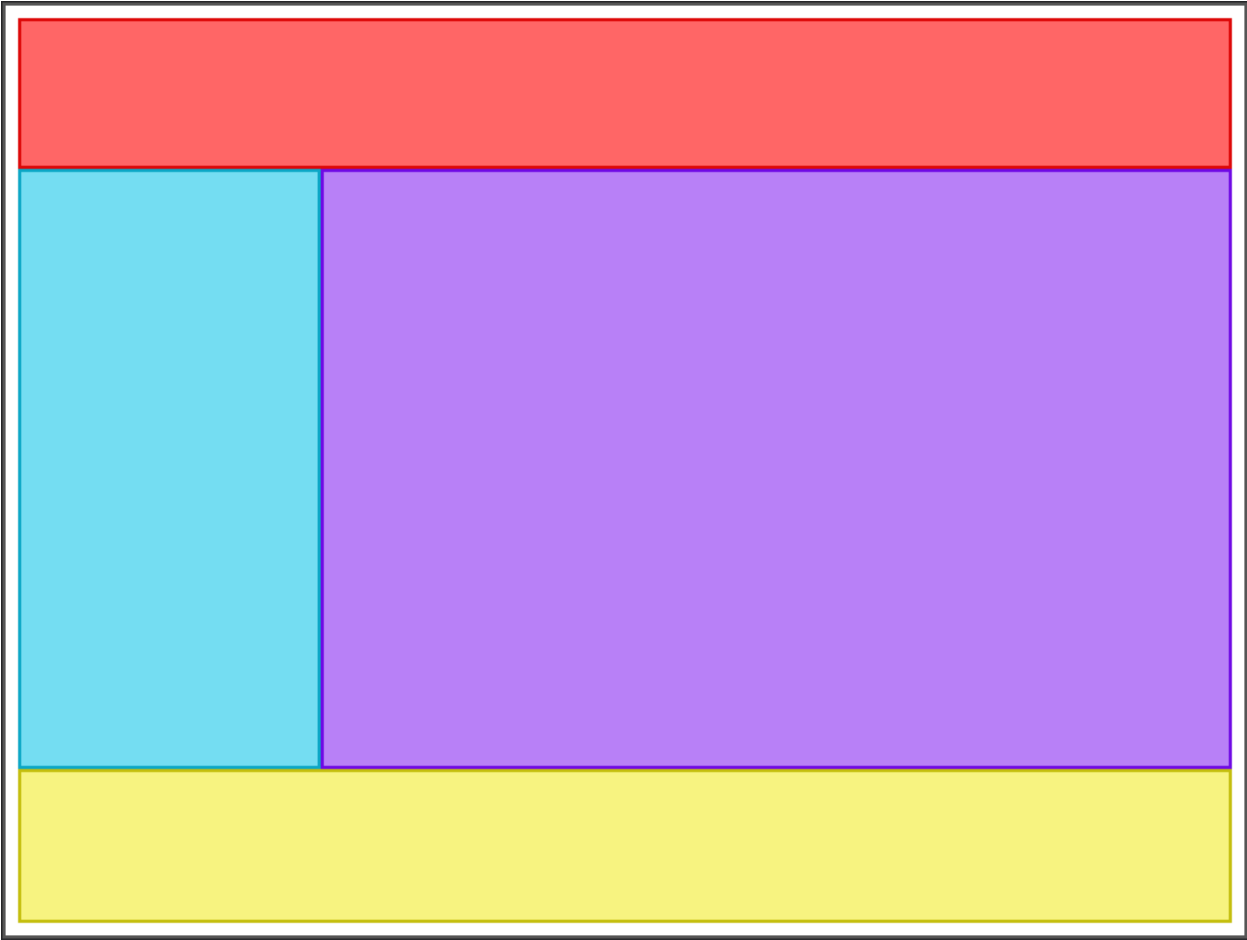


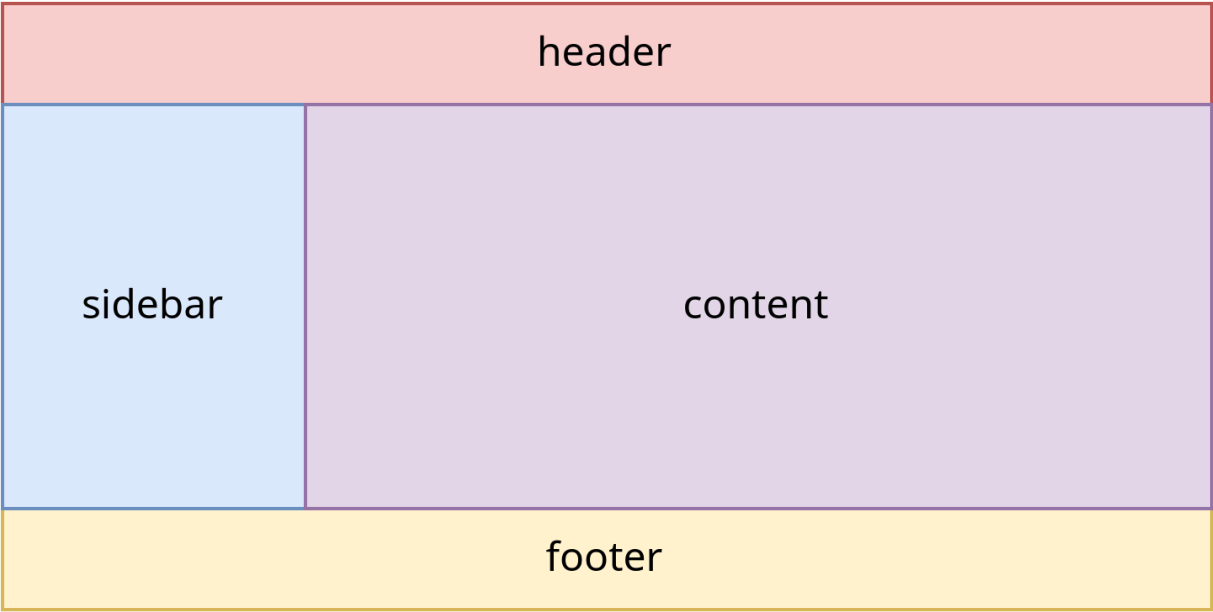
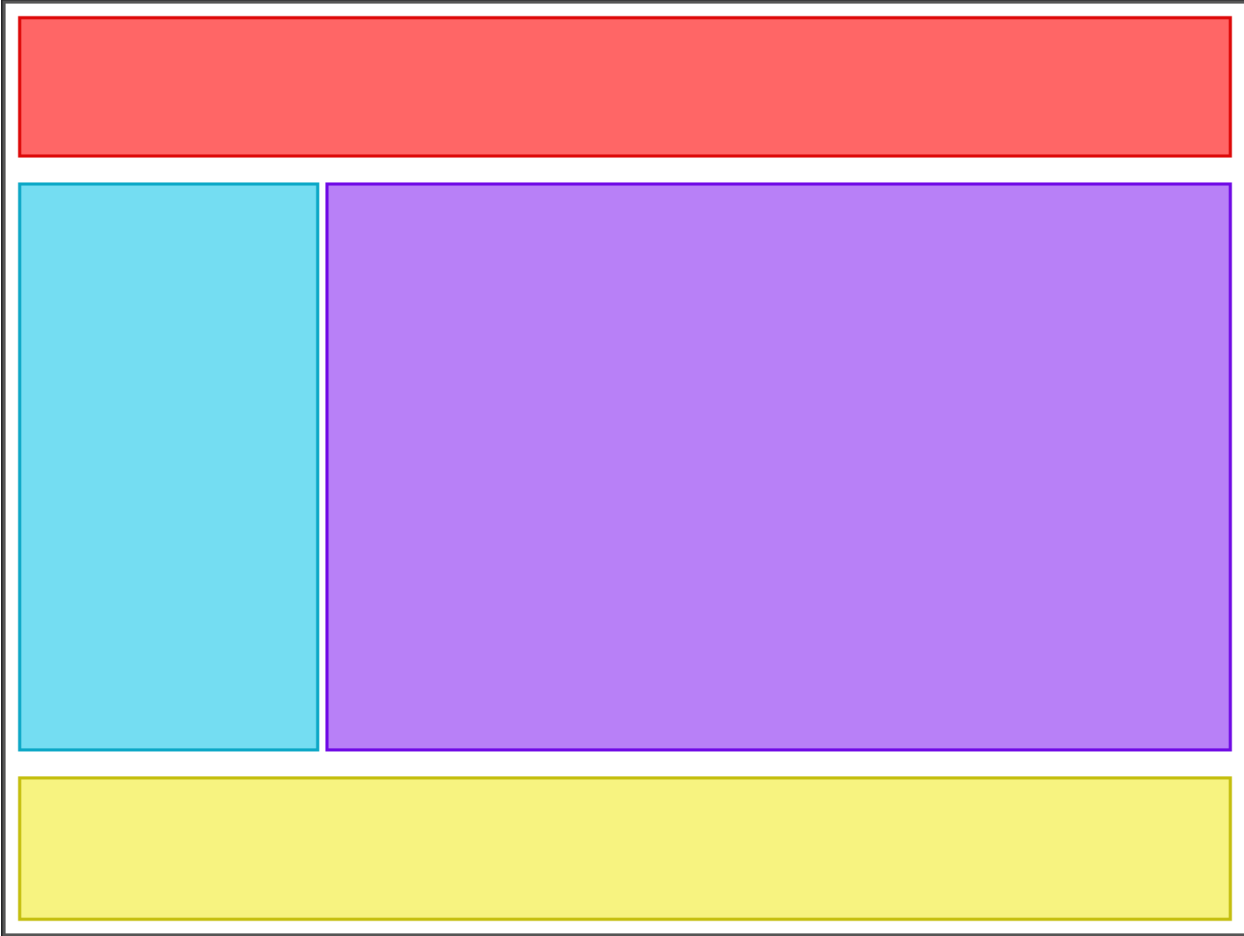








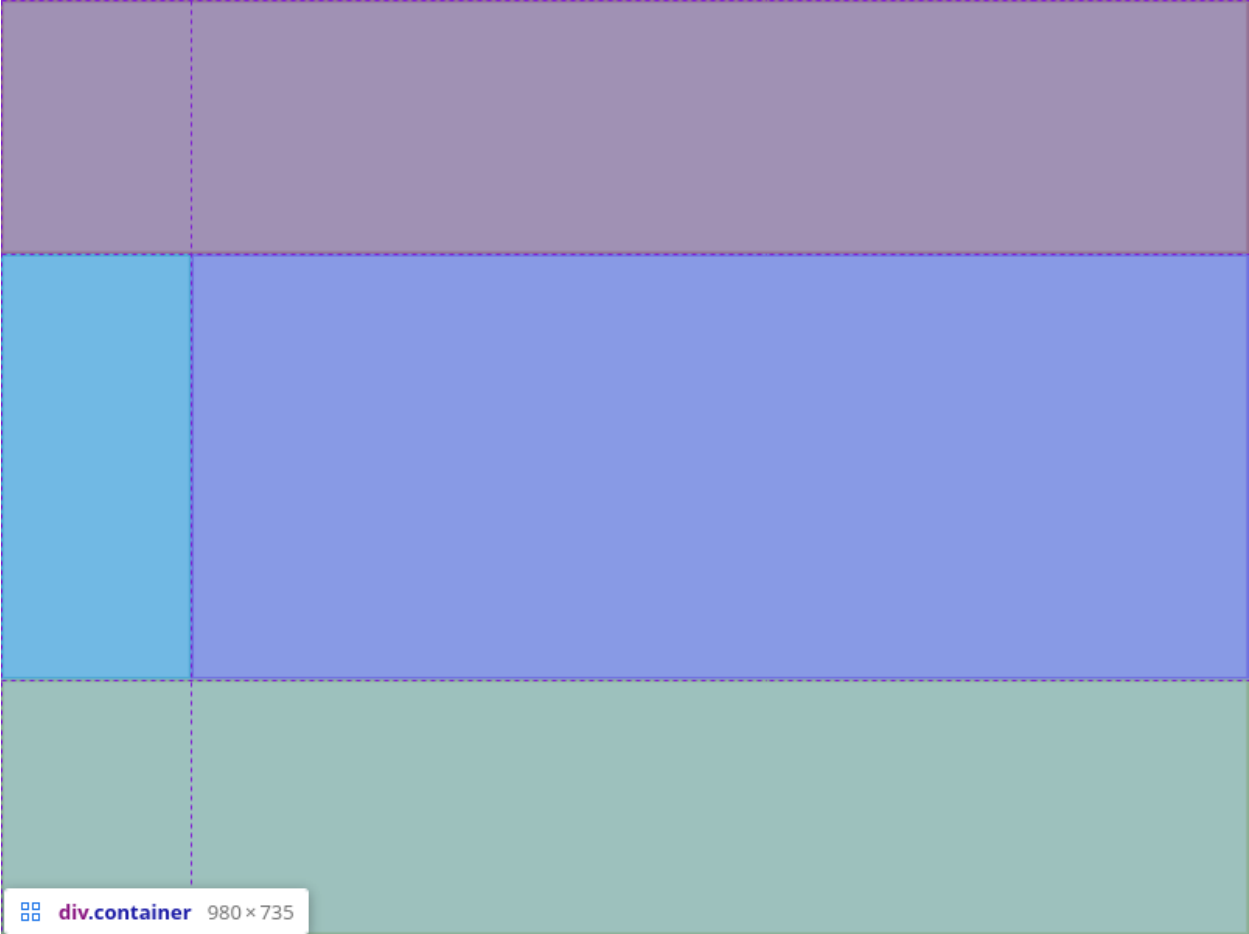


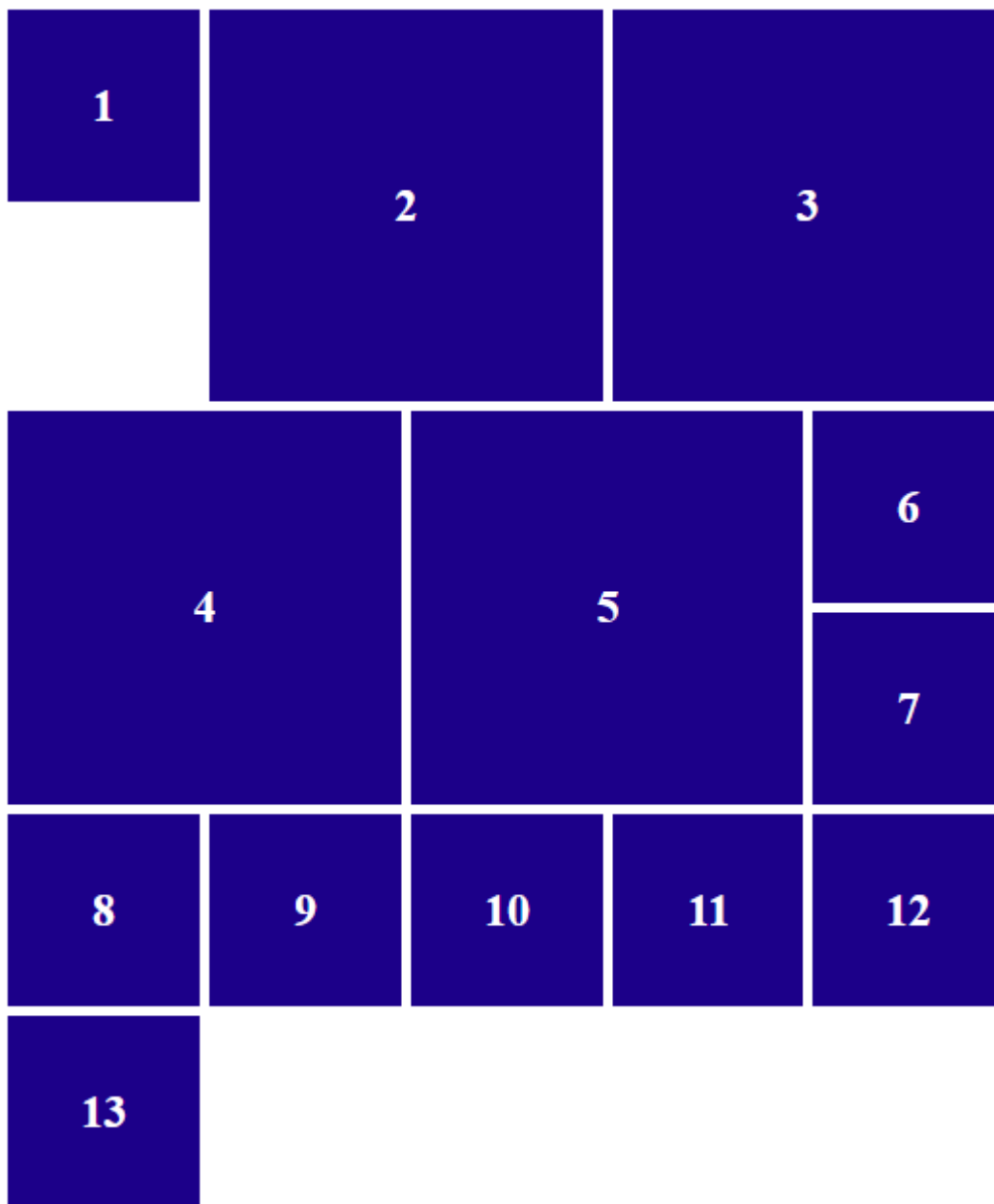


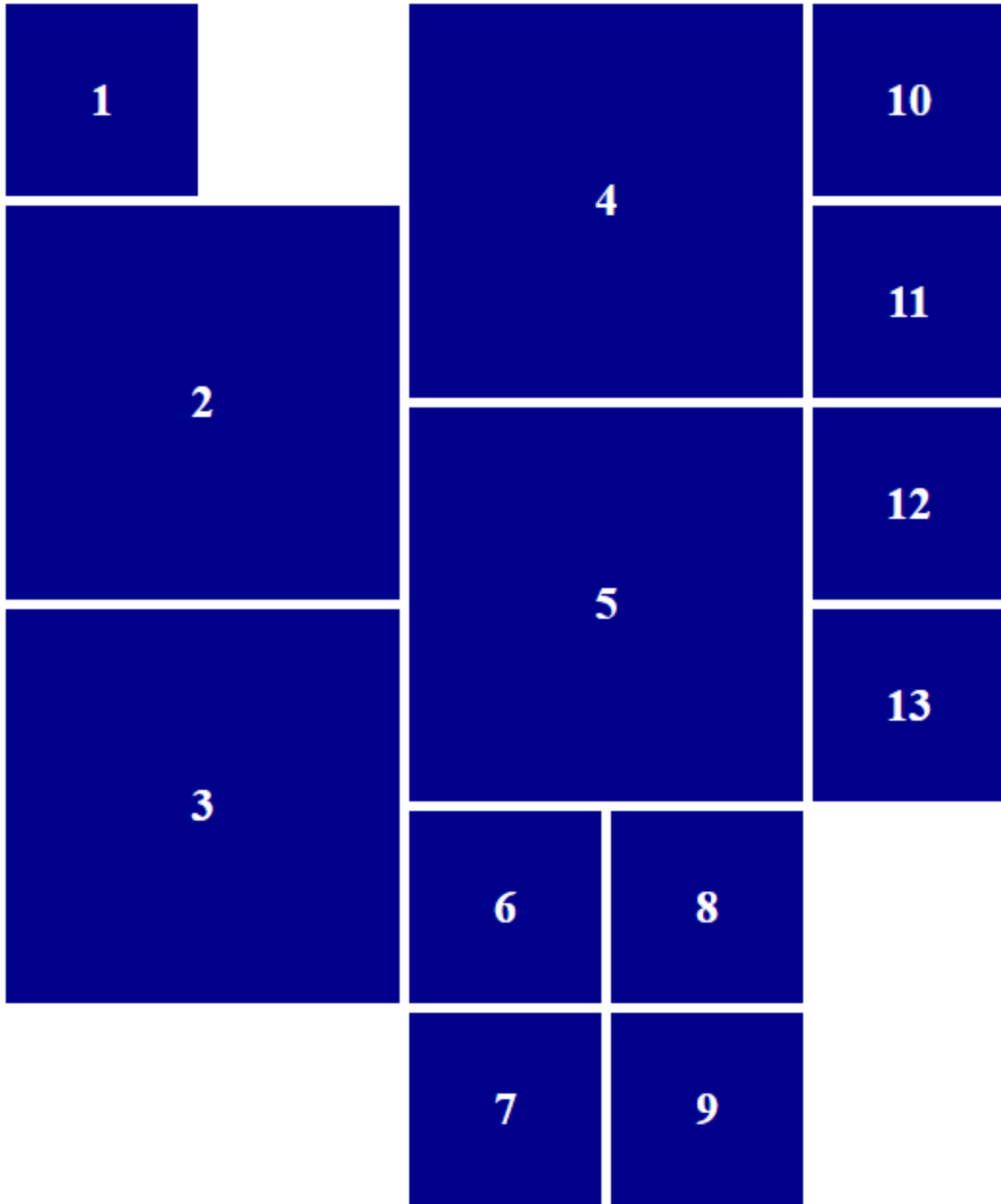
header	header	header	header
sidebar	content	content	content
sidebar	content	content	content
sidebar	content	content	content
sidebar	content	content	content
footer	footer	footer	footer

div.container

980 × 735

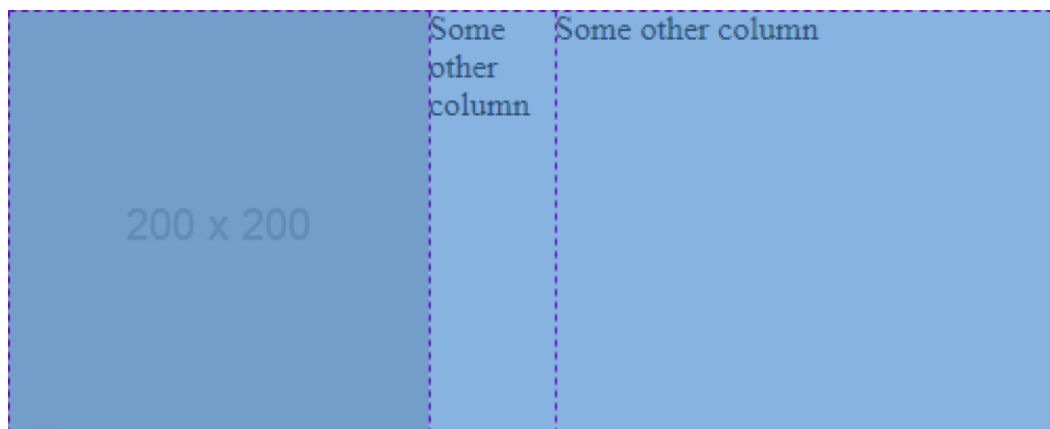




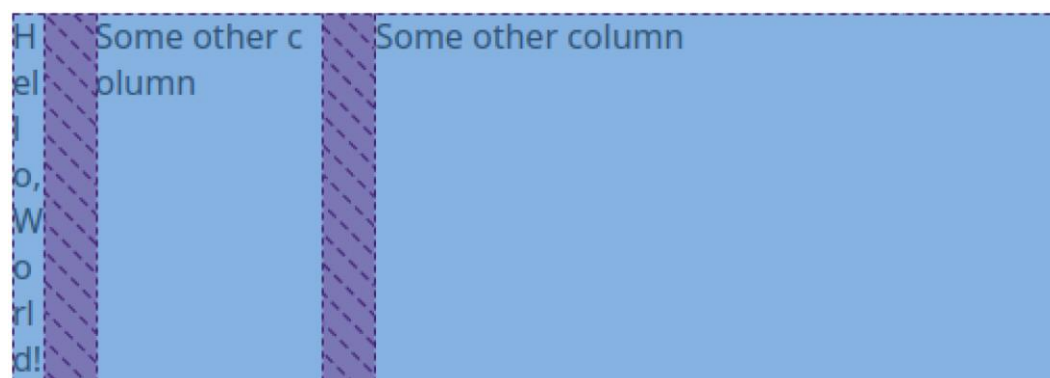


1	2		3	
6				
4		5		7
				8
9	10	11	12	13

1	7	4		13
2		5		
3		9	11	
6	8	10	12	

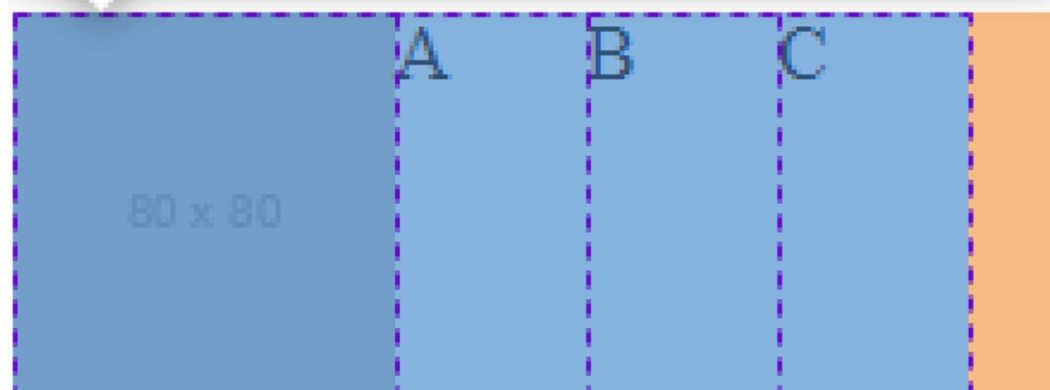


 **div.grid.grid-using-min-content** 500 × 200



 **div.container** 500 × 176

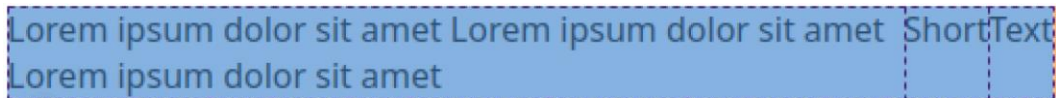
 **div.fit-content-grid** 200 × 80



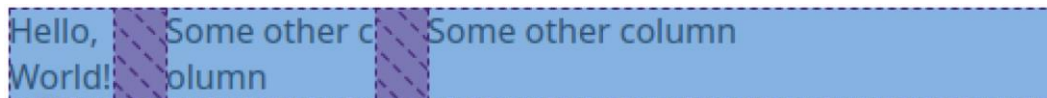
This grid uses fr:



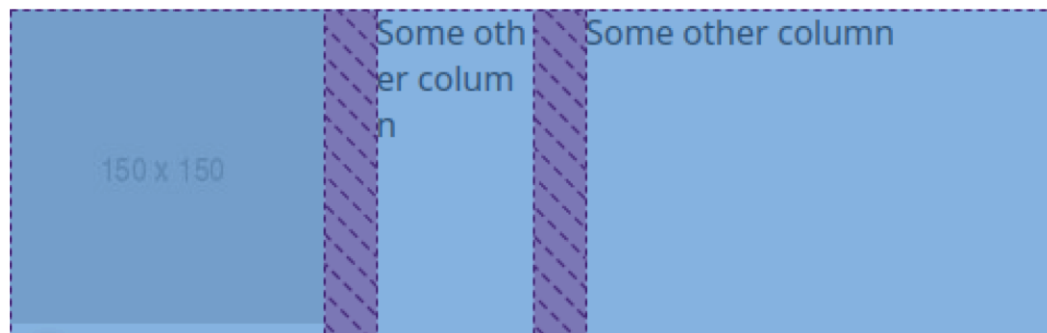
This grid uses auto:



 **div.container** 500 × 44



 **div.container** 500 × 44



 **div.container** 500 × 155



 **div.container** 800 × 40

Width: 375px;



Width: 750px;



Width: 375px;



Width: 750px;



$s = \text{Gap size in percentage}$

$g = \text{Sum of the gaps}$

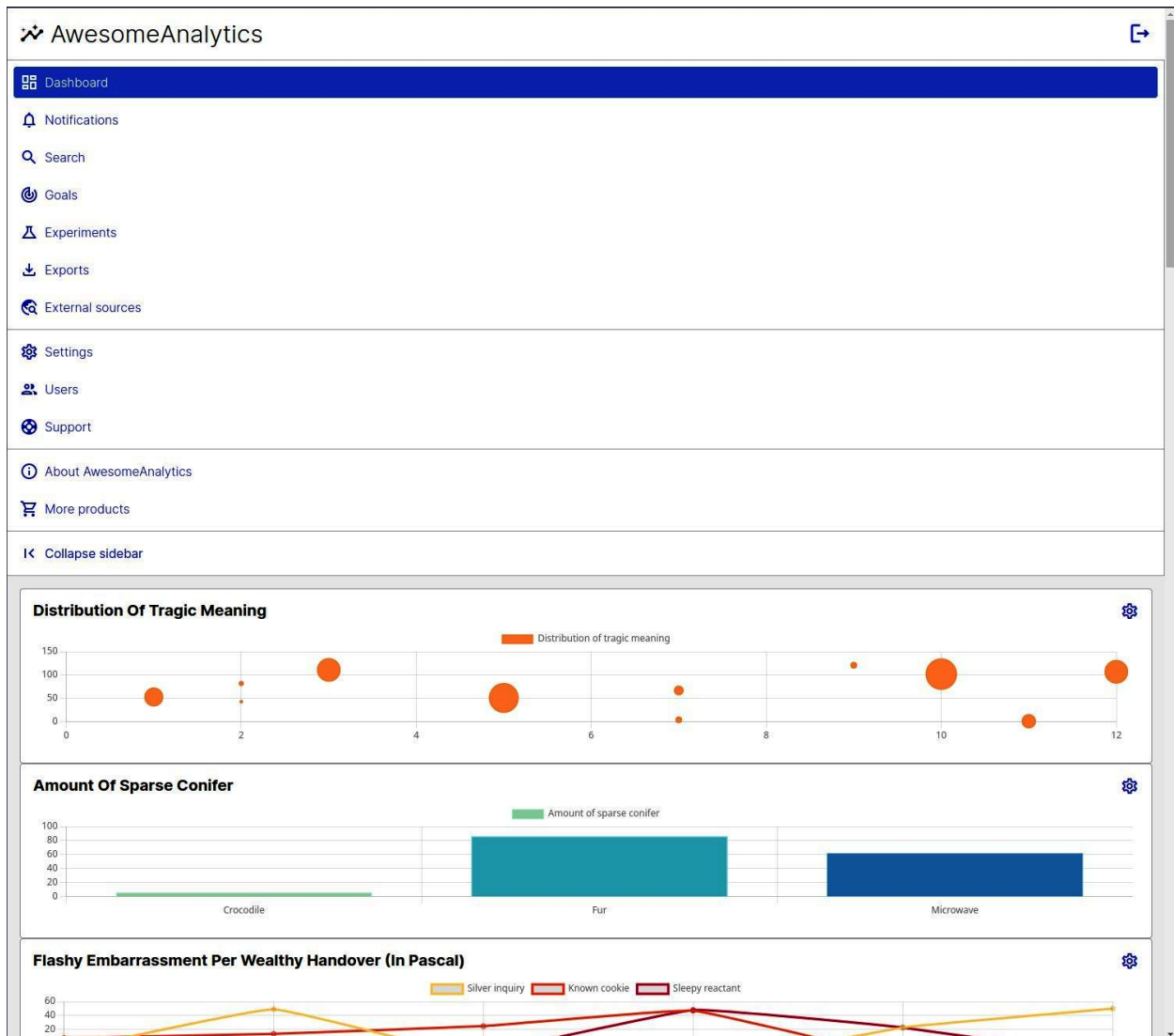
$e = \text{Width of elements without gap}$

$$g_0 = 0$$

$$g_n = s * (g_{n-1} + e)$$

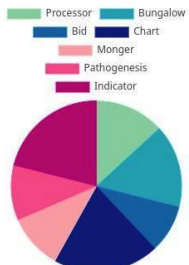
$$g = \lim_{n \rightarrow \infty} g_n$$

Chapter 2: Project Introduction: What We'll Work on and First Tasks

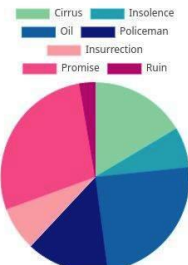


- Dashboard
- Notifications
- Search
- Goals
- Experiments
- Exports
- External sources
- Settings
- Users
- Support
- About AwesomeAnalytics
- More products
- Collapse sidebar

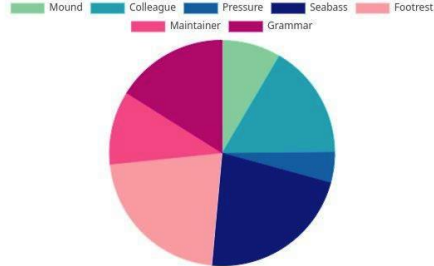
Amount Of Downright Seal



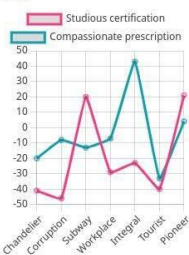
Amount Of Shocking Bidder



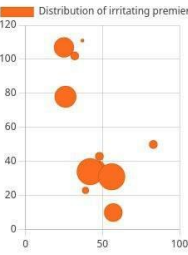
Amount Of Well-Informed Spud



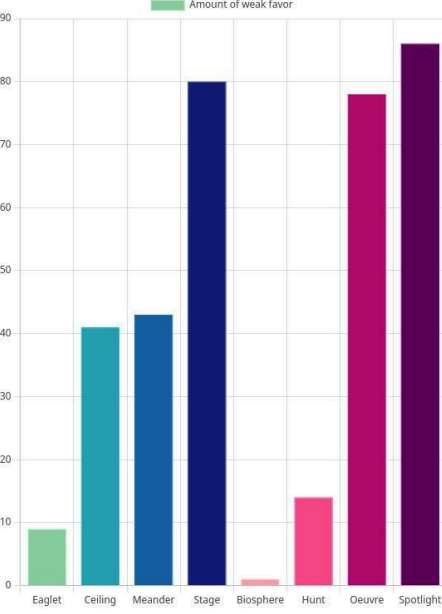
Admired Sheath Per Frank Transcript (In Volt)



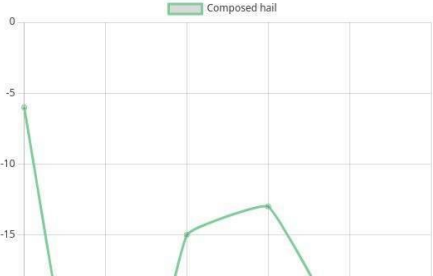
Distribution Of Irritating Premier



Amount Of Weak Favor

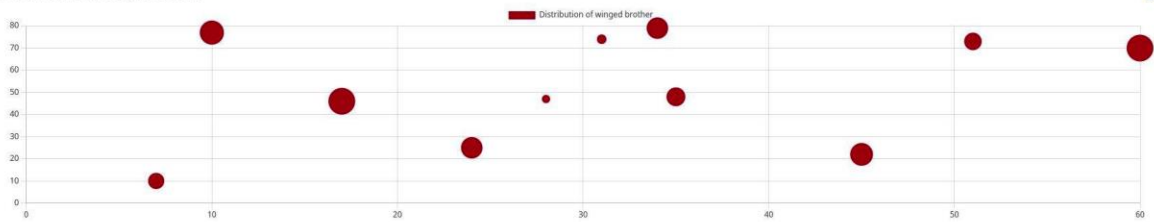


Oddball Spread Per Rectangular Questionnaire (In Farad)

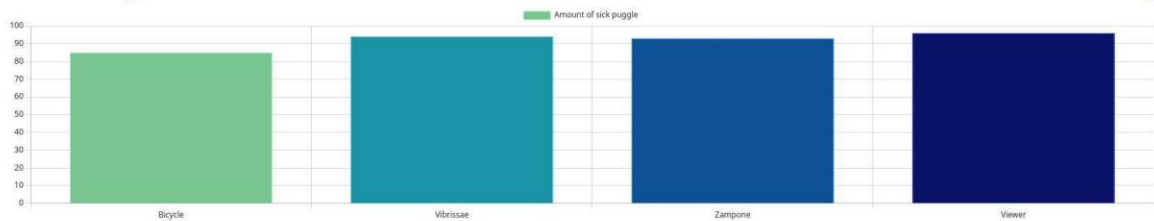


- 📊
- 🔔
- 🔍
- 🔗
- 📈
- 📉
- 🔧
- 👤
- ⚙️
- 📅
- 🔖
- 🔍
- 🔖

Distribution Of Winged Brother



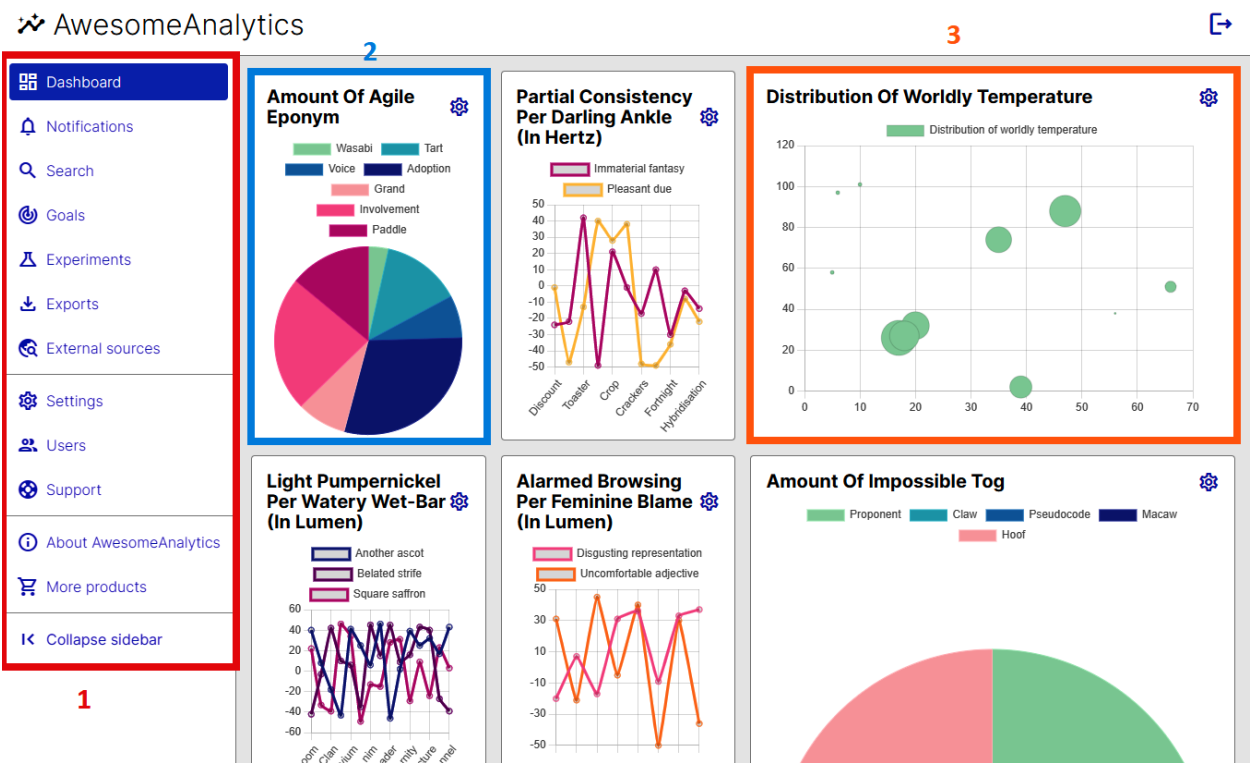
Amount Of Sick Puggle



Aggravating Tortellini Per Paltry Centimeter (In Lux)



Chapter 3: Building Advanced Grid Layouts



Some	Random	Tags	That
Take up space	And could also take up quite a lot of space	But	Could also be short
Just like	Some	Of	The pills
In	This	Example	Banana

Some	Random	Tags	That
Take up space	And could also take up quite a lot of space	But	Could also be short
Just like	Some	Of	The pills
In	This	Example	Banana

caps height
x-height
ascender
Baseline
descender

Example

Some

Random

Tags

That

Take up space

And could also take up quite a lot of space

But

Could also be short

Just like

Some

Of

The pills

In

This

Example

Banana

Some

Random

Tags

That

Take up space

And could also take up quite a lot of space

But

Could also be short

Just like

Some

Of

The pills

In

This

Example

Banana

Some

Random

Tags

That

Take up space

And could also take up quite a lot of space

But

Could also be short

Just like

Some

Of

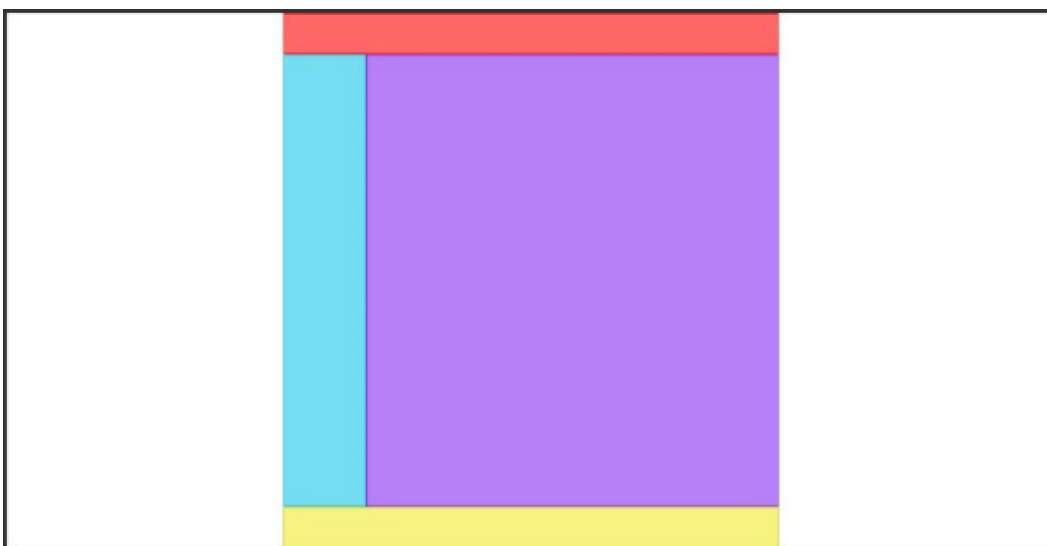
The pills

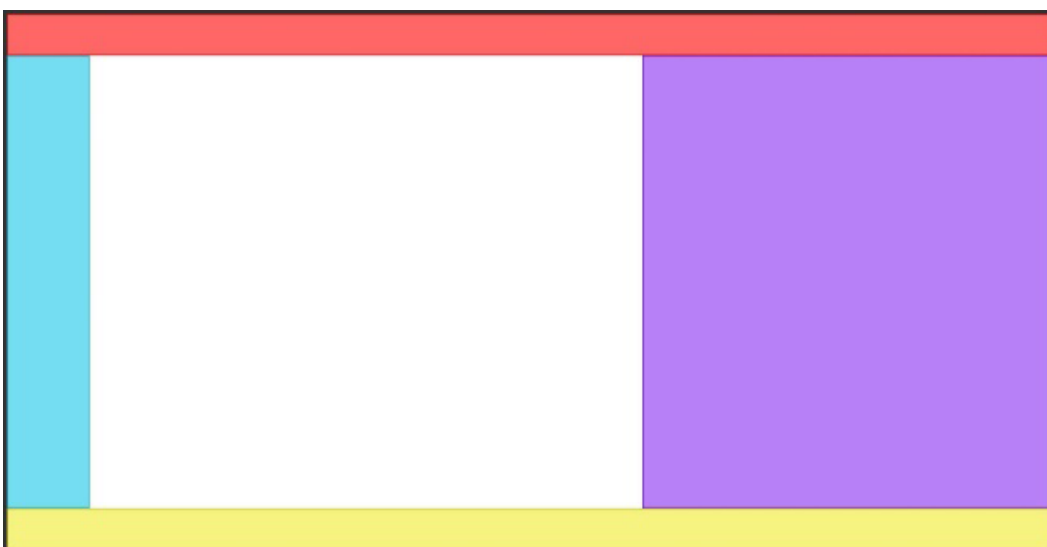
In

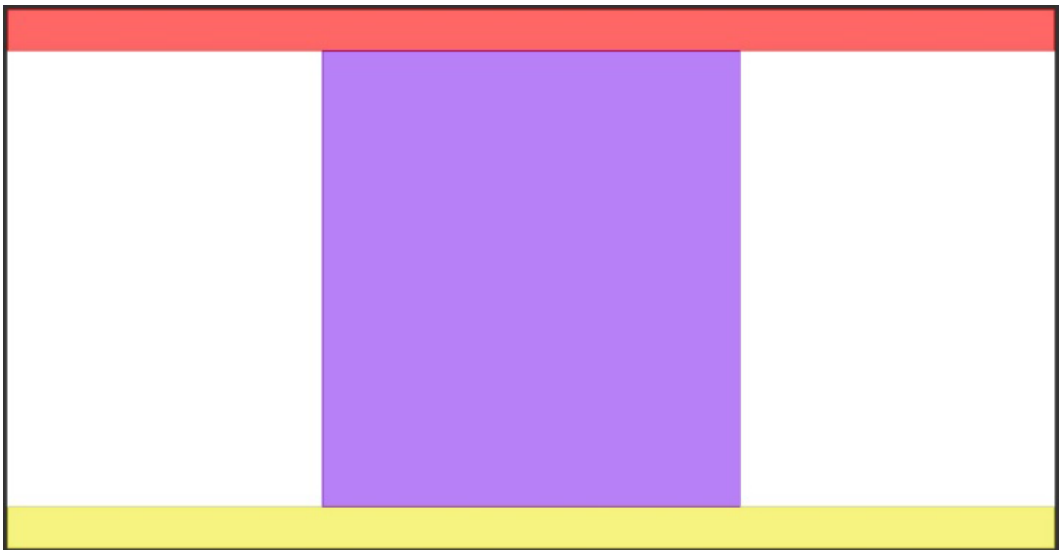
This

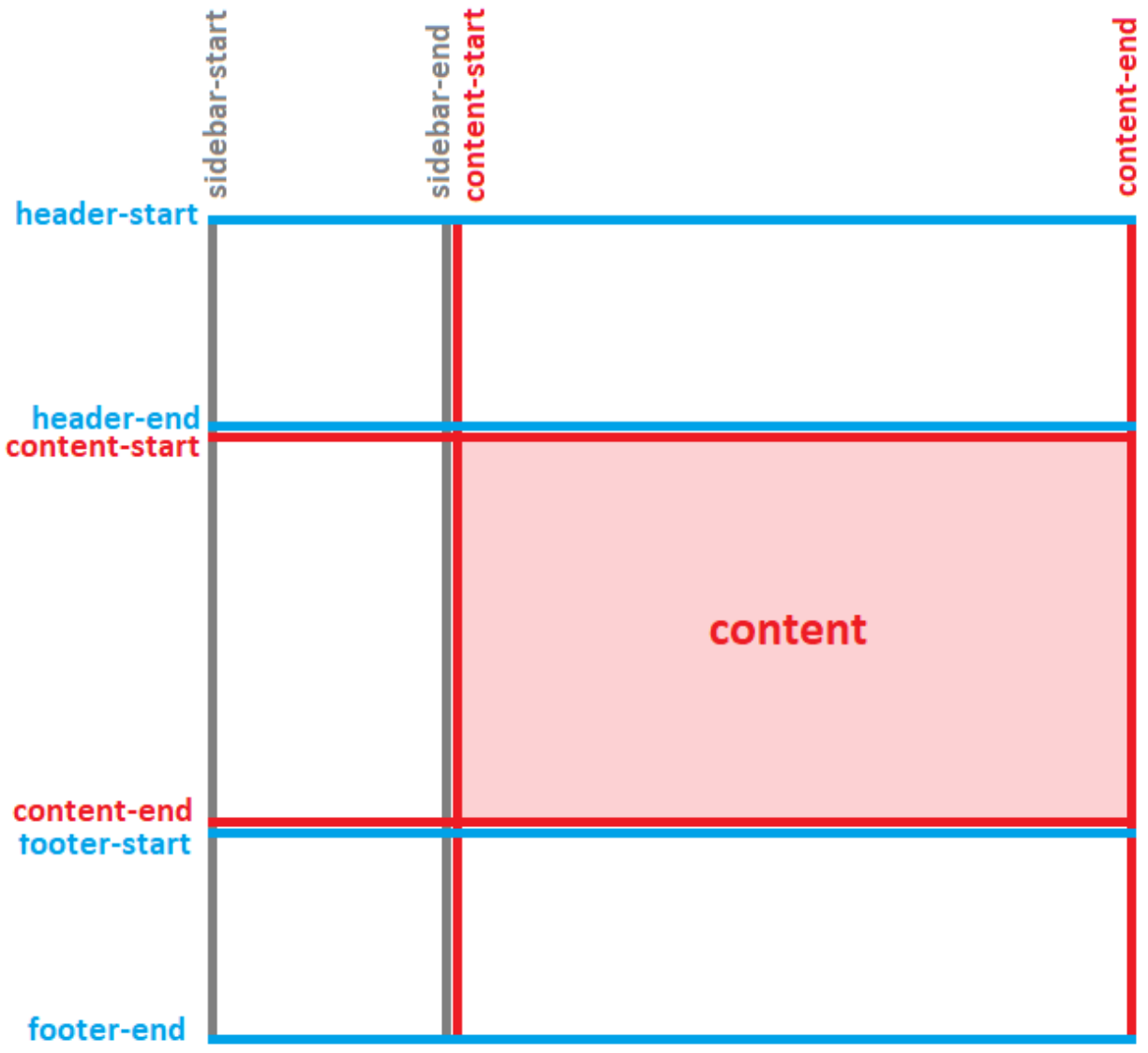
Example

Banana

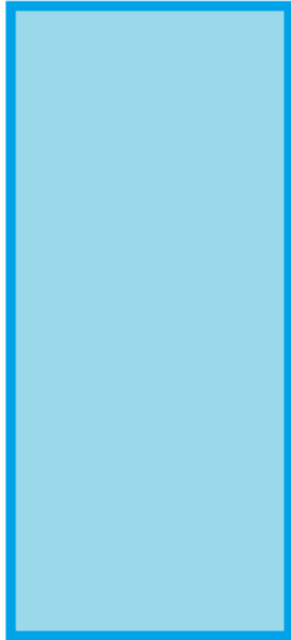
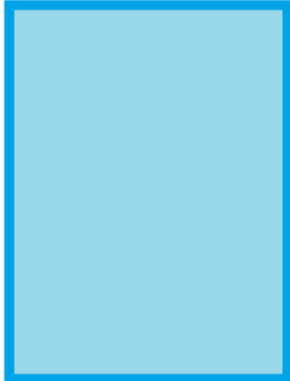
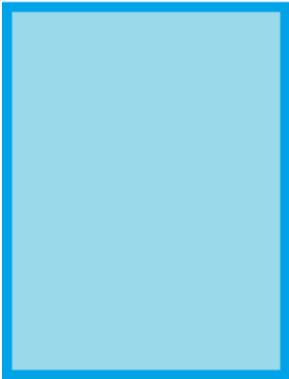
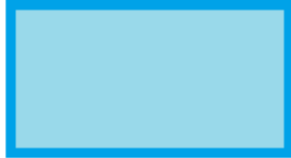
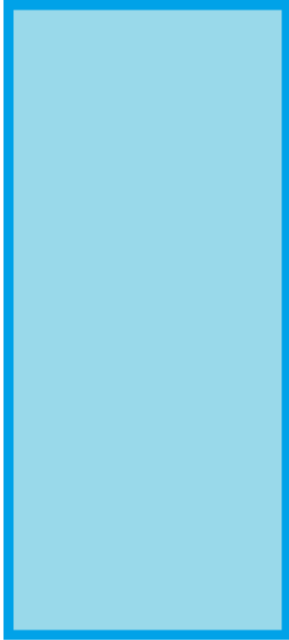
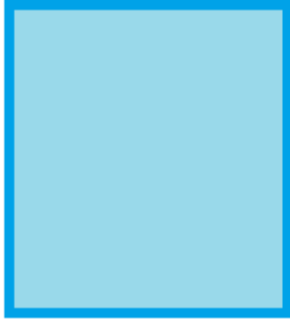
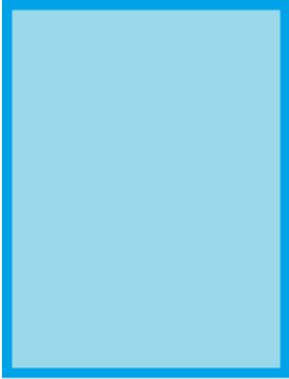


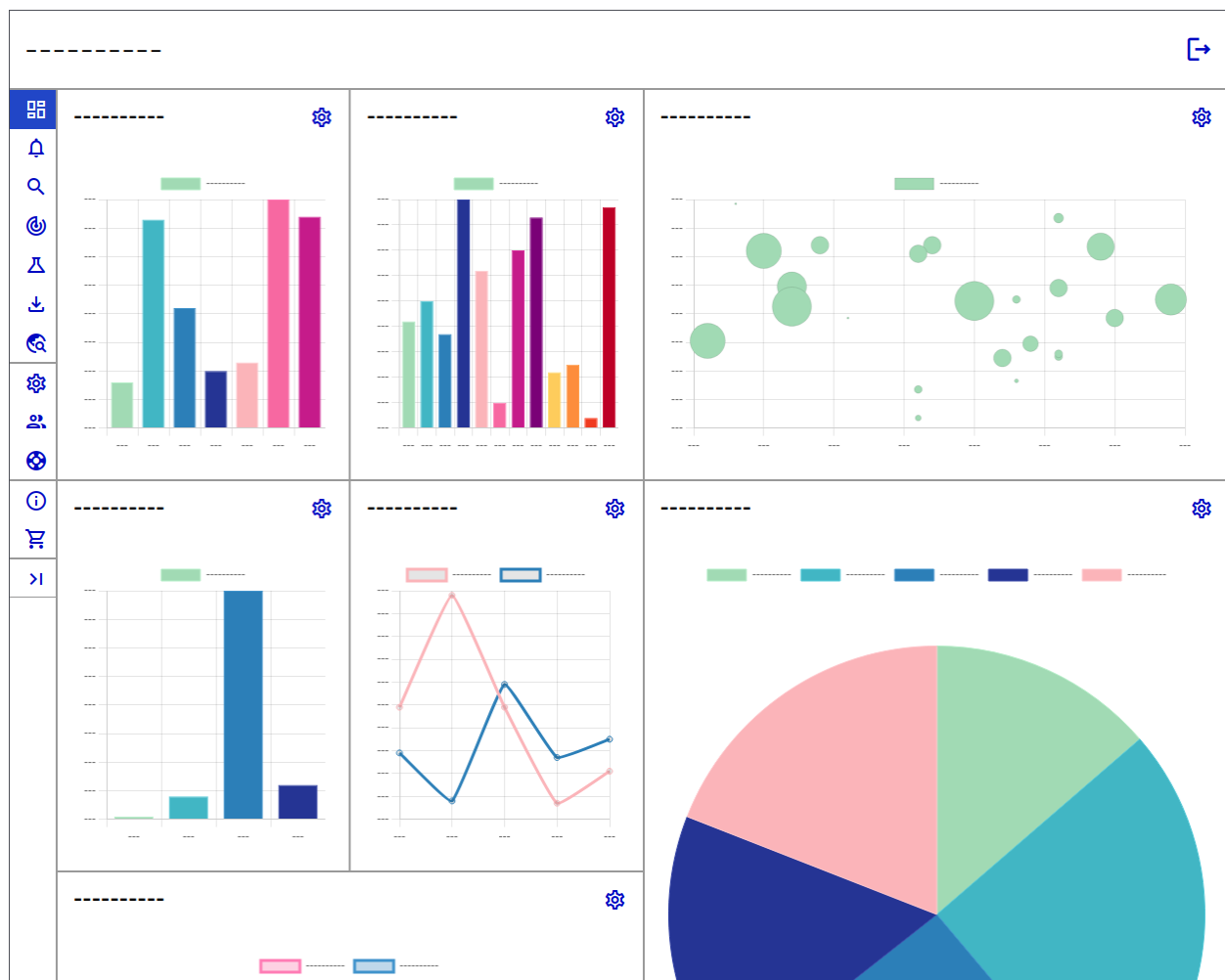




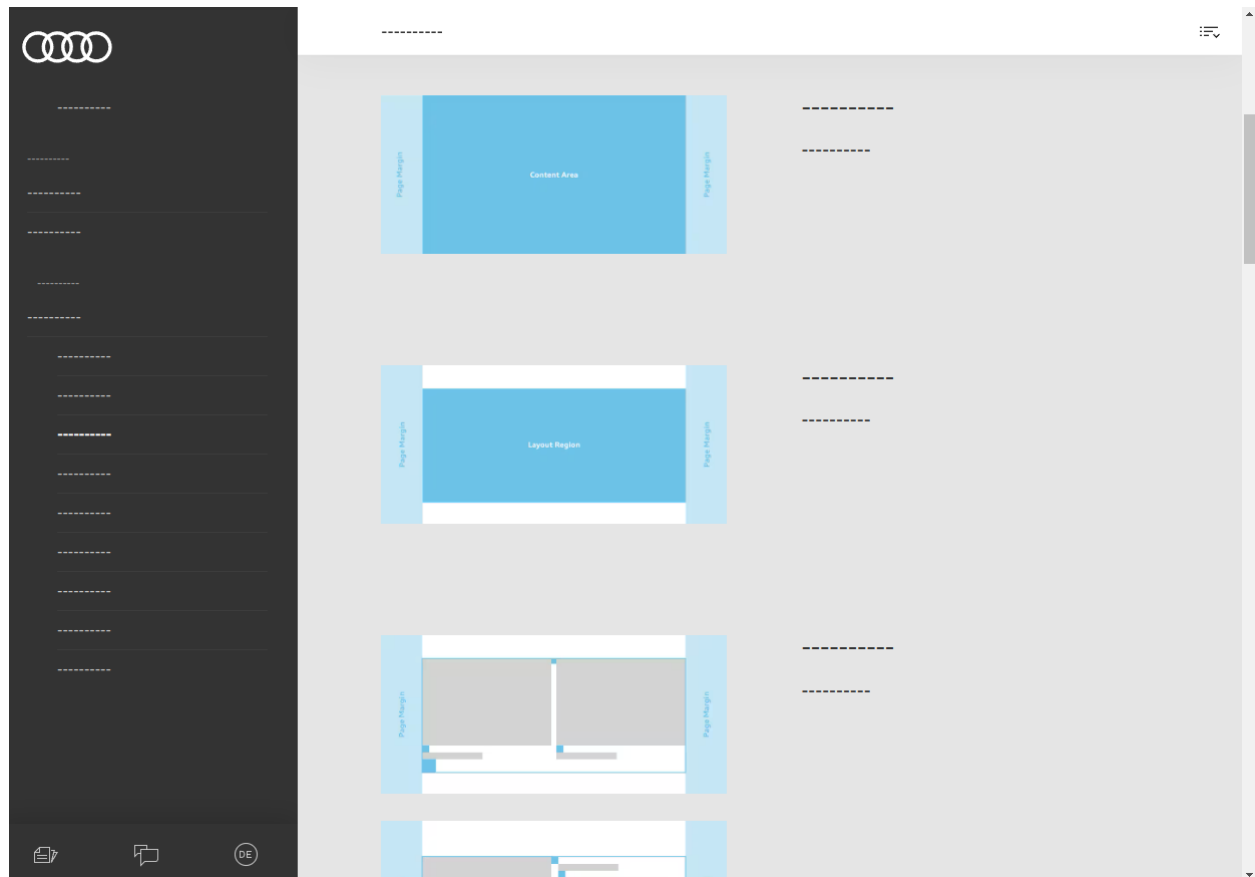








Chapter 4: Understanding and Creating Responsive and Fluid Grid Layouts



Homepage > Come Stai? > Come Stai? 011

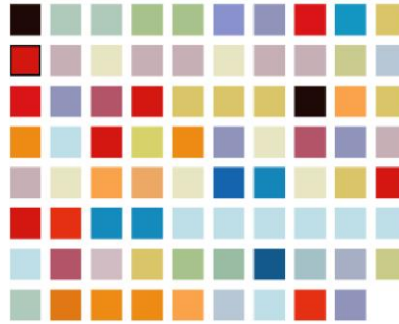


Come Stai? 011

Only 1 item left

6200 CHF

Red



Product details

Complimentary shipping and returns

Add to bag





How do you want your items?



Sacramento, 95829



Sacramento Supercenter

Deals

Mother's Day

Teacher Appreciation

[Food](#) / [Fresh Produce](#) / [Fresh Fruits](#) / Tropical Fruits

Roll over image to zoom in



Shop for more compatible items

Items that pair well together



+ Add

\$0.74

Avocados, Each

★★★★☆ 2300

[Pickup](#) [Delivery](#)

+ Add

\$2.86 71.5 ¢/ea

Fresh Small Hass Avocado Bag,

5-6 Count

★★★★☆ 2434

[Pickup](#) [Delivery](#)

+ Add

\$2.06 each \$3.12/lb

Final cost by weight

Honeycrisp Apples,

★★★★☆ 742

[Pickup](#) [Delivery](#)[Fresh Produce](#)

Pomegranate, each

★★★★☆ (1.9) 168 reviews

\$1.98

Price when purchased online ⓘ

[Check availability nearby](#)Pickup **not available** at Sacramento
Supercenter[Check availability nearby.](#)[Add to list](#)[Add to registry](#)

Sponsored

\$1.25 each

\$2.08/lb

Envy Apples,
Each

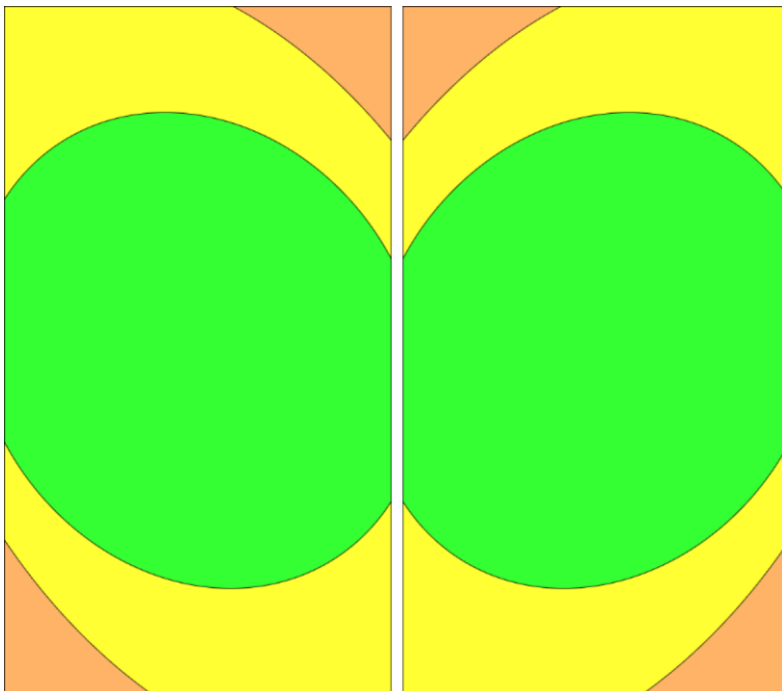
★★★★☆ 383

[Pickup](#)[Delivery](#)

+ Add

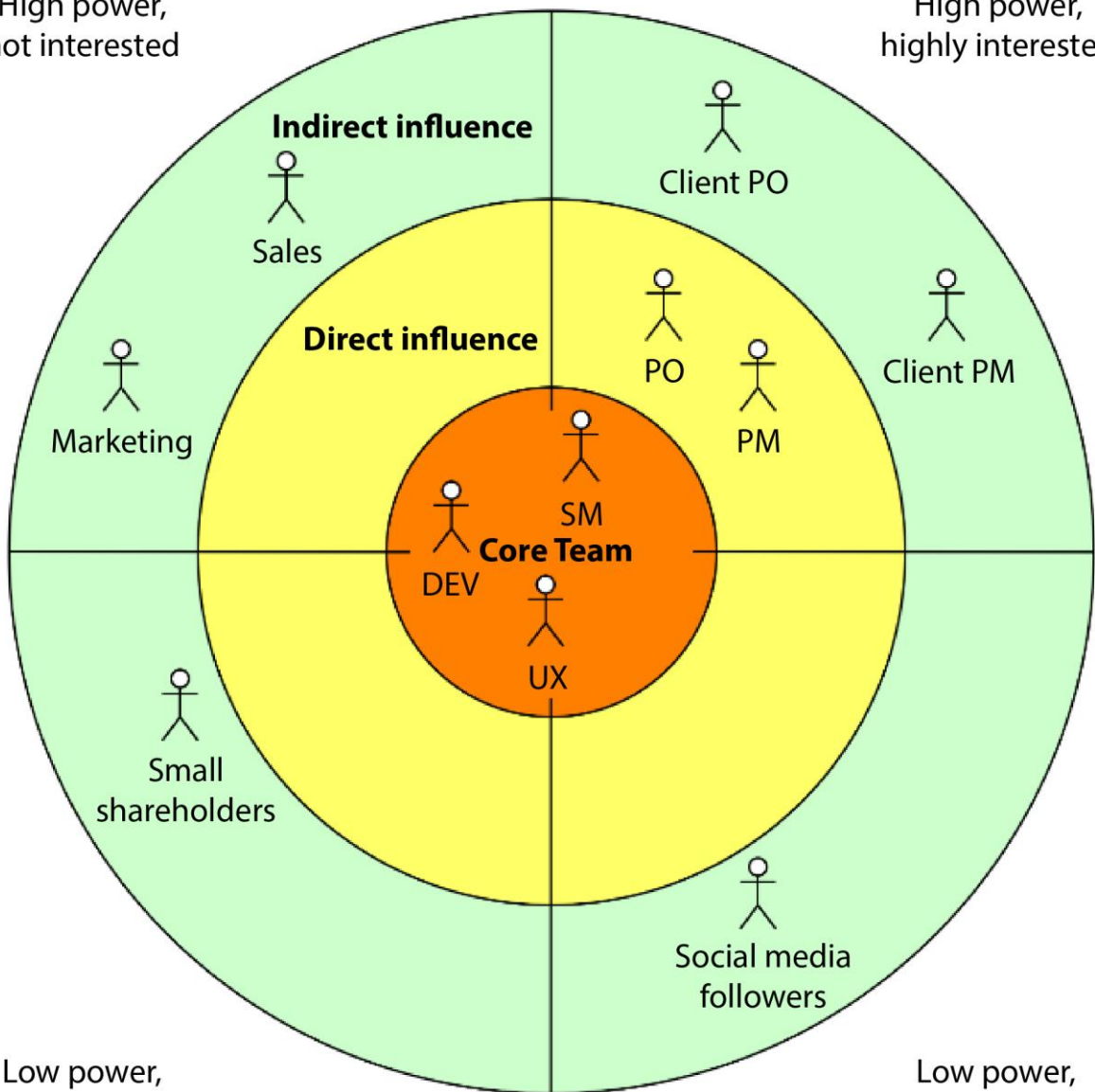
Similar items you might like

Based on what customers bought



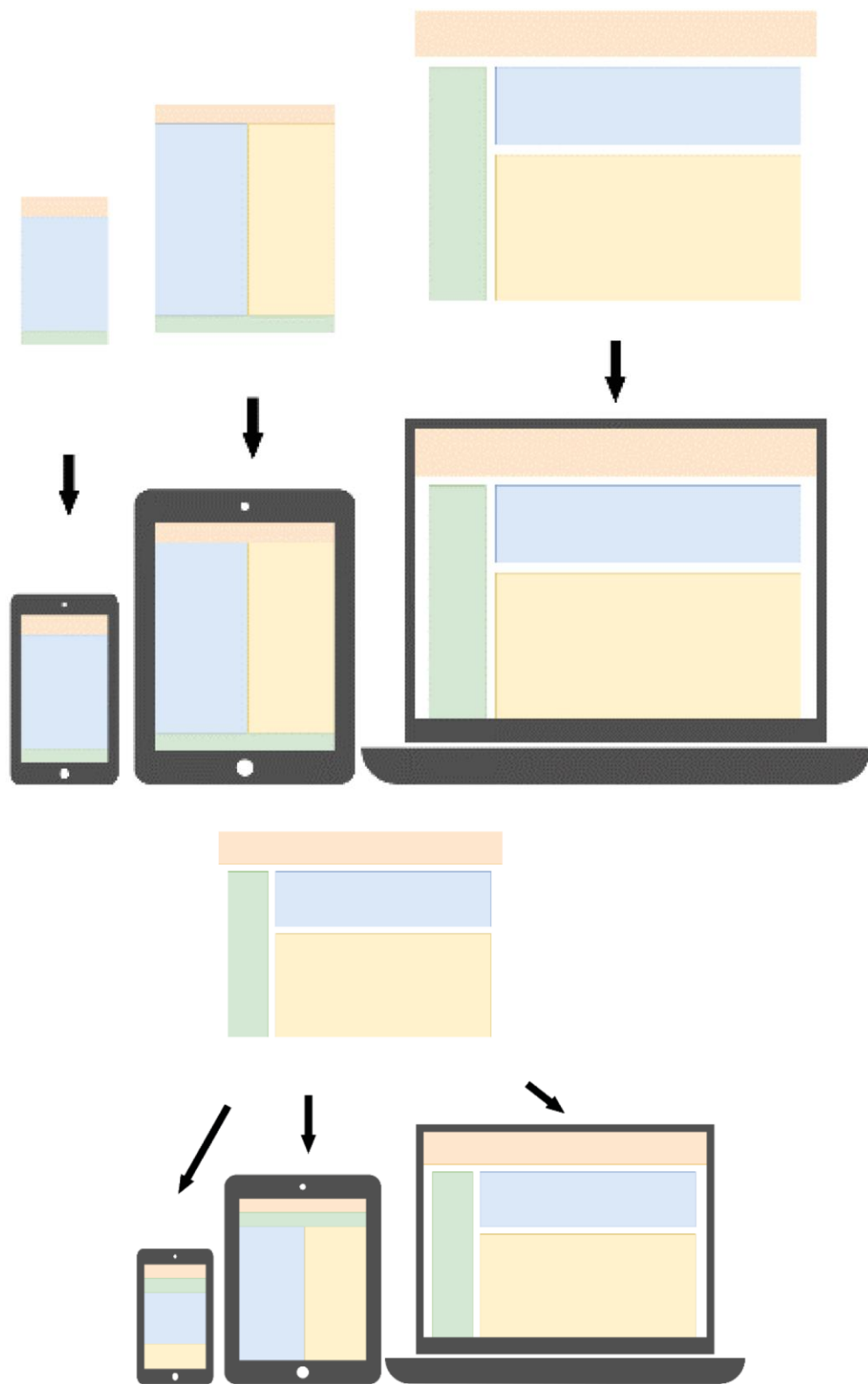
High power,
not interested

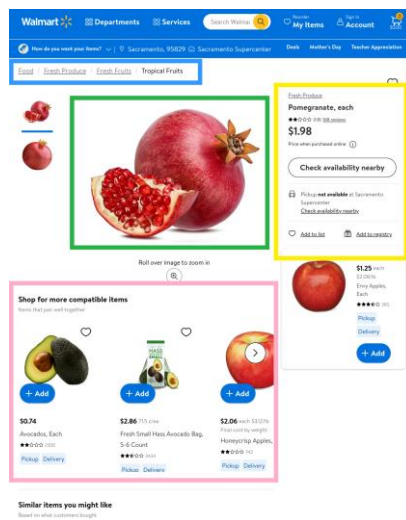
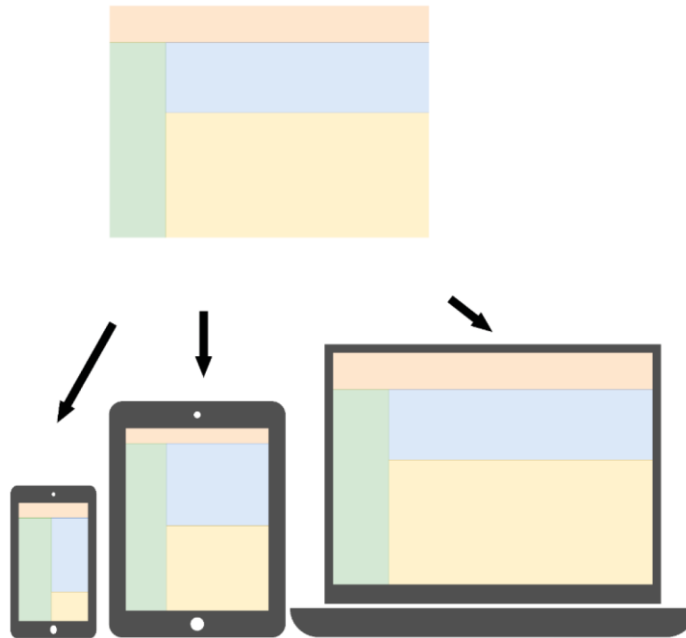
High power,
highly interested



Low power,
not interested

Low power,
highly interested







Search Walmart



How do you want your items? | 95829



Fresh Produce

Pomegranate, each

\$1.98

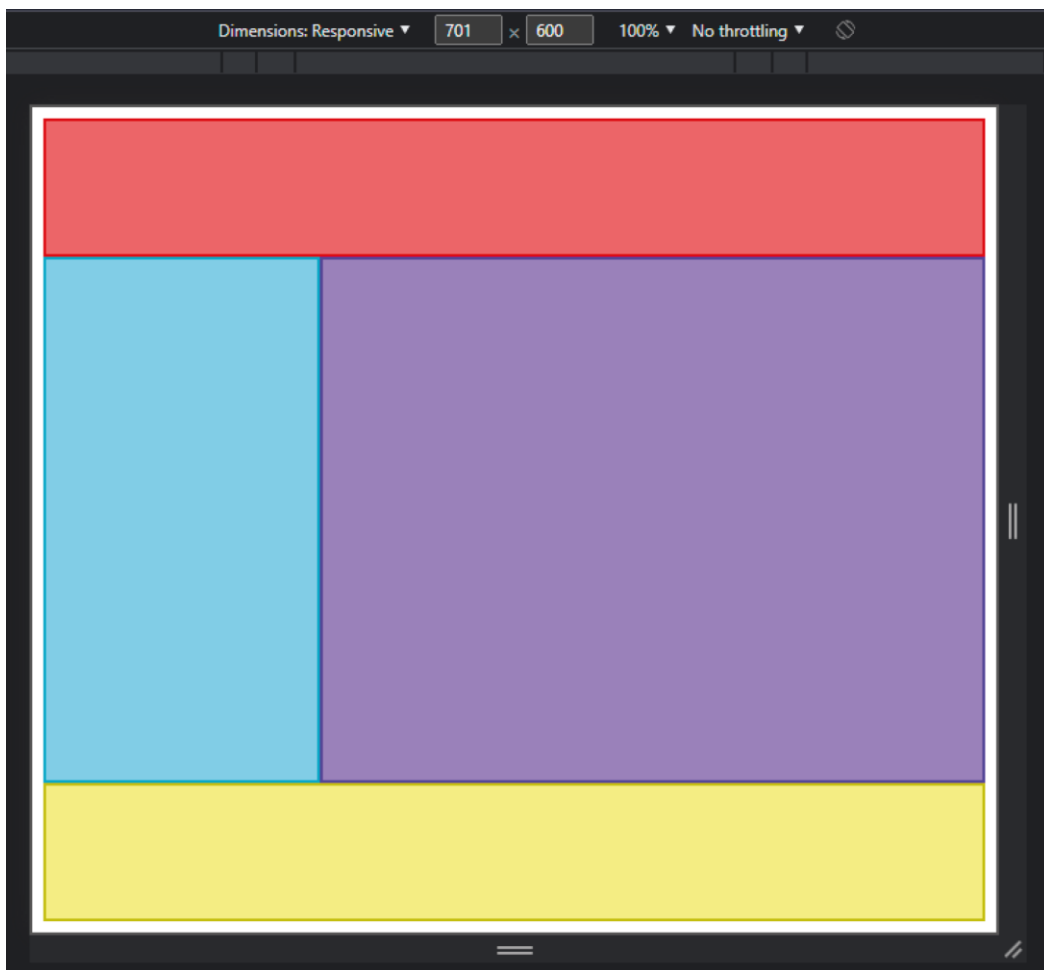
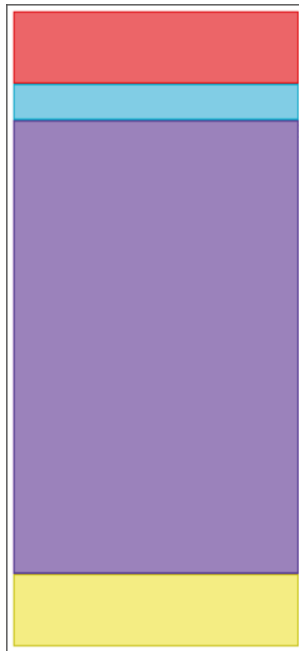
★★☆☆☆ (1.9) [168 reviews](#)

Price when purchased online ⓘ

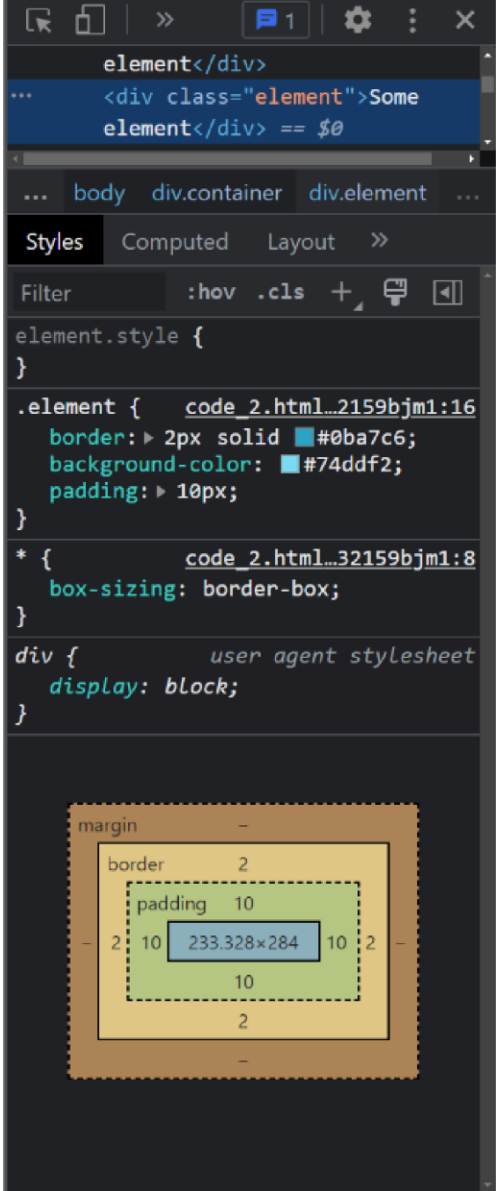
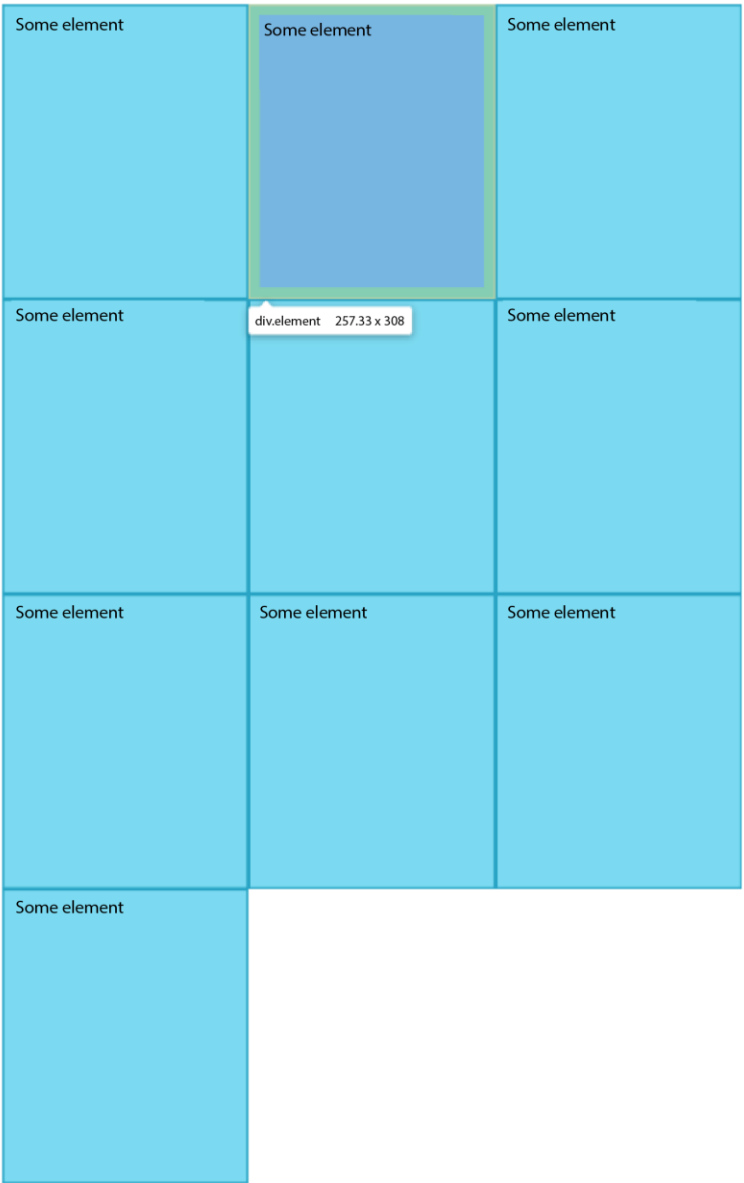


\$1.98

Check availability nearby







AwesomeAnalytics

Sign up now!

Small

Only 8.99

Includes some features.

Select plan

Recommended

Only 12.99

Includes all features!

Select plan

Unnecessarily expensive

Only 99.99

Includes all features and more!

Select plan

Full name

Country address

Phone number

Your preferred plan

How often would you like to be contacted?

Address

Number

City/State

Zip

Country

Language

★★★★★

★★★★★

★★★★★

★★★★★

★★★★★

★★★★★

★★★★★

★★★★★

★★★★★

★★★★★

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★★★★★

★★★★★

★★★★★

★★★★★

★★★★★

Show globe/lat

Show globe/lat in chart

Use different charts

Show charts in a grid

Use differently sized charts

Align differently sized charts with each other

Custom features

Small

Recommended

Unnecessarily expensive

✓

✓

✓

✓

✓

✓

✗

✗

✗

✗

✗

✗

✗

✗

✗

✗

✗

✗

✗

✗

✗

✗

✗

✗

AwesomeAnalytics

Sign up now!

Recommended

Only 12.99

Includes all features!

Select plan

Small

Only 8.99

Includes some features.

Select plan

Unnecessarily expensive

Only 99.99

Includes all features and more!

Select plan

Full name

Email address

Phone number

Your selected plan

Recommended 

Address

No.

Birthdate

dd / mm / yyyy 

Sign up!

"Some testimonial"



Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nullam non tempor tortor, malesuada finibus risus. Quisque laoreet leo in lorem aliquam, in vulputate nibh tempus. Vivamus quis ante posuere, tempor.

"Some testimonial"



Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nullam non tempor tortor, malesuada finibus risus. Quisque laoreet leo in lorem aliquam, in vulputate nibh tempus. Vivamus quis ante posuere, tempor.

"Some testimonial"



Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nullam non tempor tortor, malesuada finibus risus. Quisque laoreet leo in lorem aliquam, in vulputate nibh tempus. Vivamus quis ante posuere, tempor.

"Some testimonial"



Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nullam non tempor tortor, malesuada finibus risus. Quisque laoreet leo in lorem aliquam, in vulputate nibh tempus. Vivamus quis ante posuere, tempor.

"Some testimonial"



Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nullam non tempor tortor, malesuada finibus risus. Quisque laoreet leo in lorem aliquam, in vulputate nibh tempus. Vivamus quis ante posuere, tempor.

"Some testimonial"



Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nullam non tempor tortor, malesuada finibus risus. Quisque laoreet leo in lorem aliquam, in vulputate nibh tempus. Vivamus quis ante posuere, tempor.

"Some testimonial"



Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nullam non tempor tortor, malesuada finibus risus. Quisque laoreet leo in lorem aliquam, in vulputate nibh tempus. Vivamus quis ante posuere, tempor.

"Some testimonial"



Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nullam non tempor tortor, malesuada finibus risus. Quisque laoreet leo in lorem aliquam, in vulputate nibh tempus. Vivamus quis ante posuere, tempor.

	Small	Recommended	Unnecessarily expensive
Shows gibberish	✓	✓	✓
Shows gibberish in charts	✓	✓	✓
Has different charts	✗	✓	✓
Shows charts in a grid	✗	✓	✓
Has differently sized charts	✗	✗	✓
Aligns differently sized charts with the grid, too	✗	✗	✓
Costs a fortune	✗	✗	✓

Chapter 5: Implementing Layouts with Flexbox and CSS Grid

64x64

Media heading

Cras sit amet nibh libero, in gravida nulla. Nulla vel metus scelerisque ante sollicitudin. Cras purus odio, vestibulum in vulputate at, tempus viverra turpis. Fusce condimentum nunc ac nisi vulputate fringilla. Donec lacinia congue felis in faucibus.

150 x 150

Media object heading

Lorem ipsum dolor sit amet

150 x 150

Nested media object heading

Lorem ipsum dolor sit amet

150 x 150

Media object heading

Lorem ipsum dolor sit amet

150 x 150

Nested media object heading

Lorem ipsum dolor sit amet

240 x 180

Powered by HTML.COM

Awesome content

Click here for awesome content that will likely interest you.

Go to awesome content

240 x 180

Powered by HTML.COM

Awesome content

Click here for awesome content that will likely interest you.

Go to awesome content

240 x 180

Powered by HTML.COM

Awesome content

Click here for awesome content that will likely interest you.

Go to awesome content

@Username

Recipient's username

@example.com

Your vanity URL

https://example.com/users/

\$

.00

With textarea

@

Username

Your subdomain

.example.com

\$

Transaction amount

.00

@ Username

Your subdomain .example.com

\$ Transaction amount .00

Credit card number

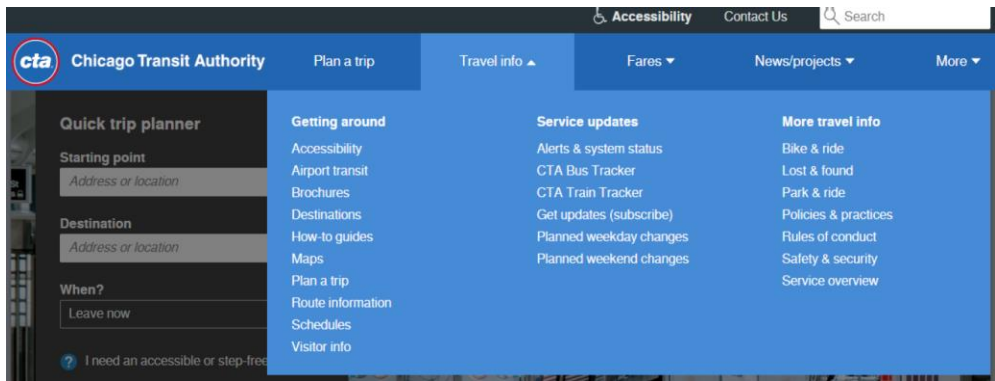
Expiration date

CVC

Credit card number

Expires

CVC





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	Building examples Websites Designs Software	Expert consulting Consulting FAQ Book an appointment Meet our experts	Sales How to sell Marketing Strategies	

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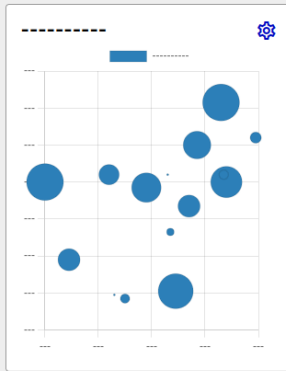
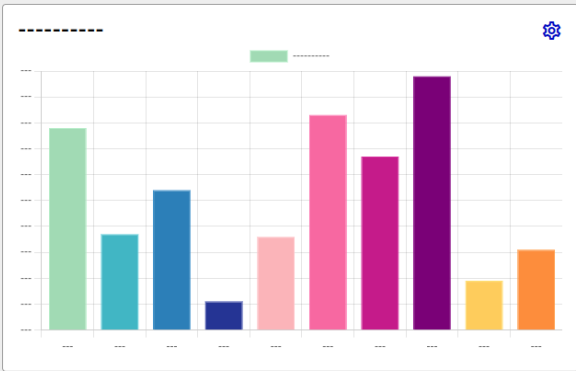
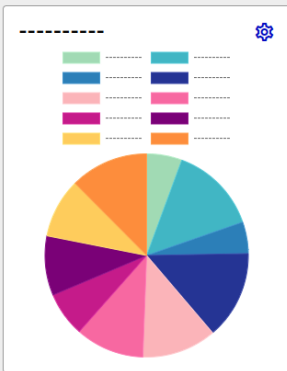
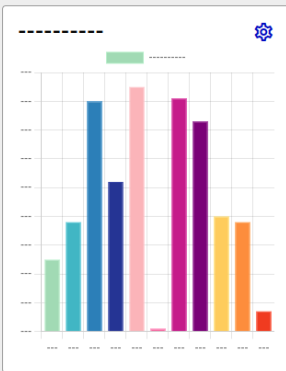
Product

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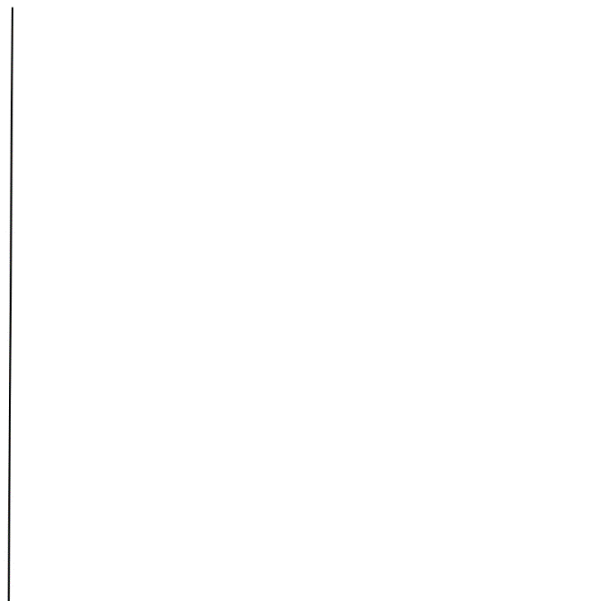
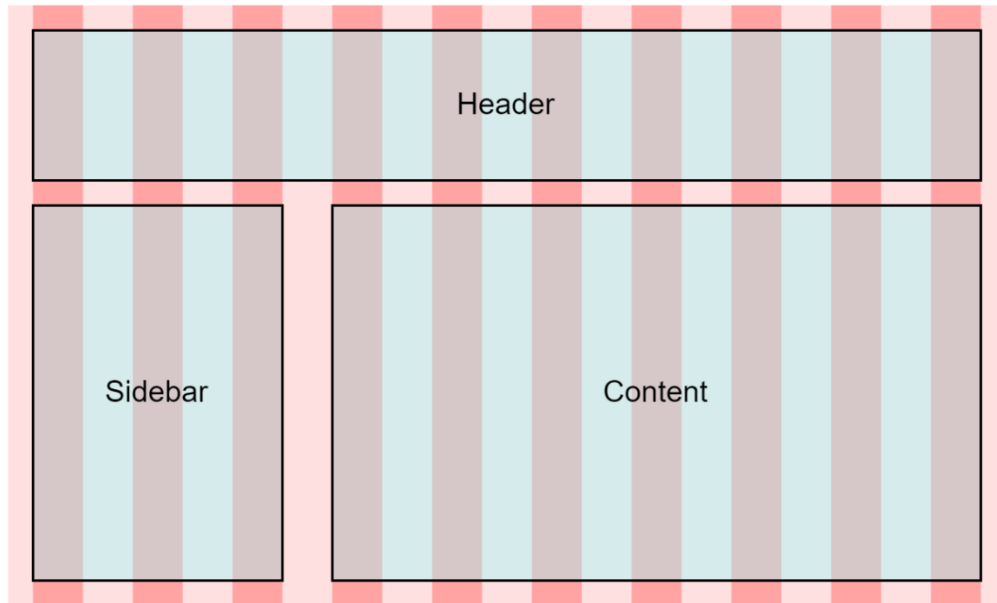
Company

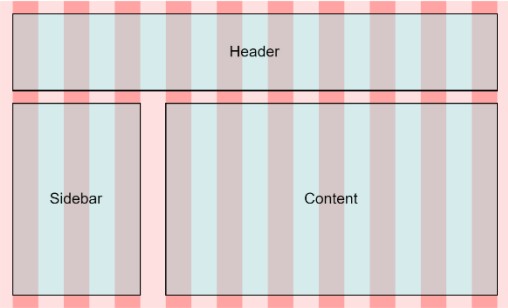
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Chapter 6: Benefits of Grid Layouts and When Not to Use Them





Beach!

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sadipscing elitr, sed diam nonumy eirmod
tempor invidunt ut labore et dolore magna
aliquyam erat, sed diam voluptua. At vero eos
et accusam et

Beach!

Lorem ipsum dolor sit amet, consetetur
sadiptscing elit, sed diam nonumy eirmod
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Want more Fedora options?

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If you prefer an alternative desktop environment such as KDE Plasma Desktop or Xfce, you can download a Fedora Spin for your preferred desktop environment and use that to install Fedora, pre-configured for the desktop environment of your choice.

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Fedora Labs

Fedora Labs is a selection of curated bundles of purpose-driven software and content as curated and maintained by members of the Fedora Community. These may be installed as standalone full versions of Fedora or as add-ons to existing Fedora installations.

[Learn more](#)

Fedora ALT Downloads

The Fedora Alternative Downloads are either special-purpose - for testing, for specific architectures - or are more standard versions of Fedora in alternative formats such as network installer format or formatted for BitTorrent download.

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Support Resources



Documentation

Extensive documentation is available at the Fedora documentation page.

[Fedora Docs](#)



Support

Get support from our the community on the Fedora Discussion Forum.

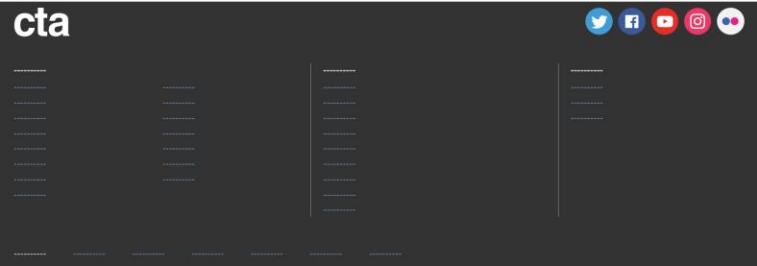
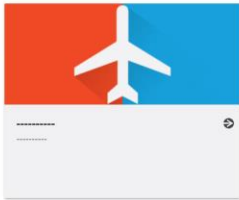
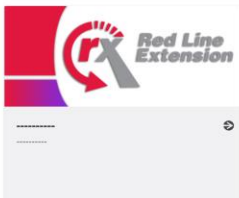
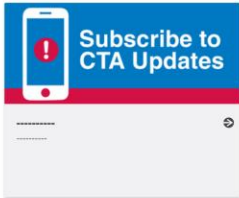
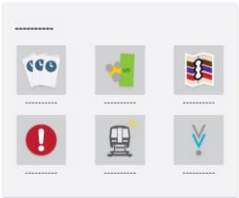
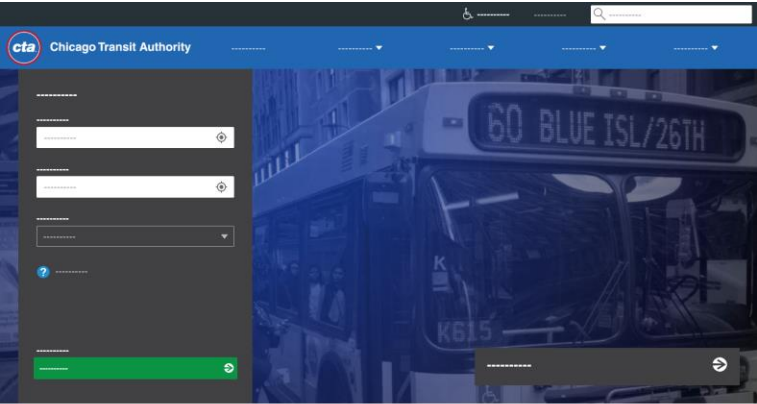
[Fedora Discussion](#)

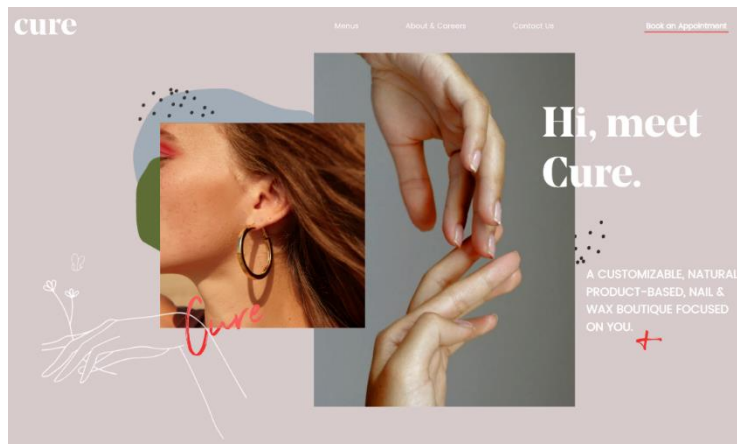
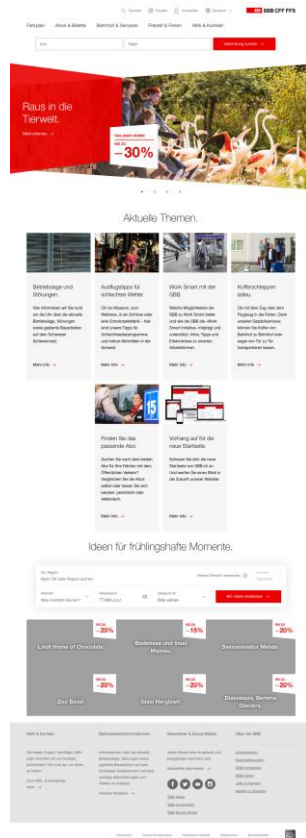


Chat

Users and developers are available in the #fedora channel on Fedora Chat.

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DISCOVER JEWISH LITHUANIA




DISCOVER Jewish Lithuania


DISCOVER JEWISH LITHUANIA

We developed mobile app Discover Jewish Lithuania with an augmented reality component, which helps users to discover jewish history in Lithuania in more interesting and engaging way.

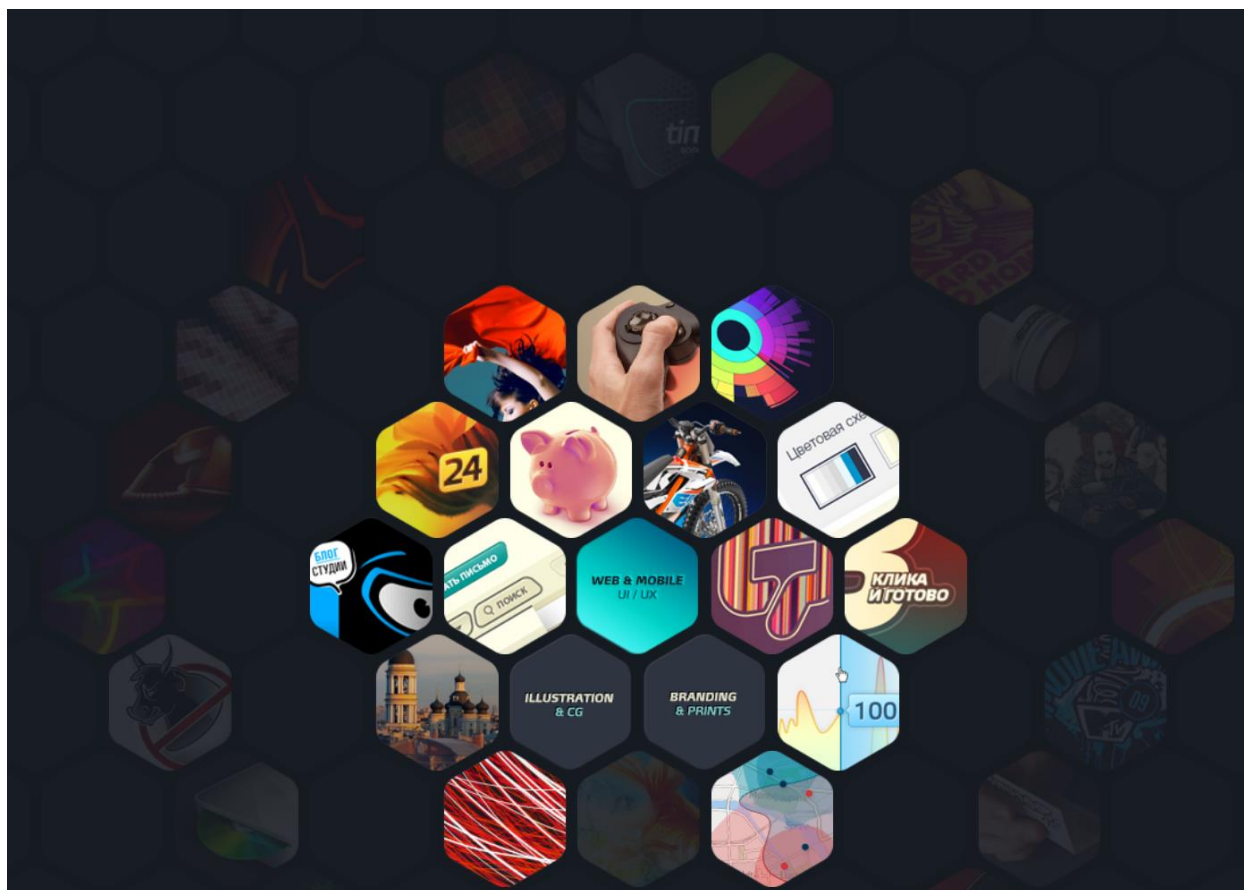
Available on the App Store

ANDROID APP ON Google play





Our recent Case Studies



Chapter 7: Polyfilling CSS Grid's Missing Features





317
Morgan Harper Nichols
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Ever since finding out we're pregnant, working on our nursery has been top of...



Afro Glory | Natural Hair & Beaut...
Celebrating women in every era everywhere



19
Abby Hardie | Beauty Content...
Celebrating women in every era everywhere



Tracee Ellis Ross
Celebrating women in every era everywhere



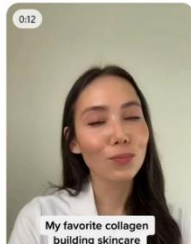
34
Budget With Mel | Budget...
Celebrating women in every era everywhere



Berrion Berry | Cycle Synching...
Celebrating women in every era everywhere



Billie Noell Pierre
Celebrating women in every era everywhere

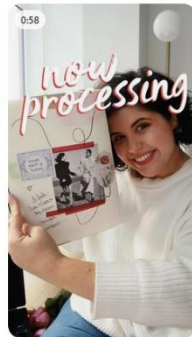


Petite Marie NYC
Celebrating women in every era everywhere



508
Amy Martin | Makeup Artist

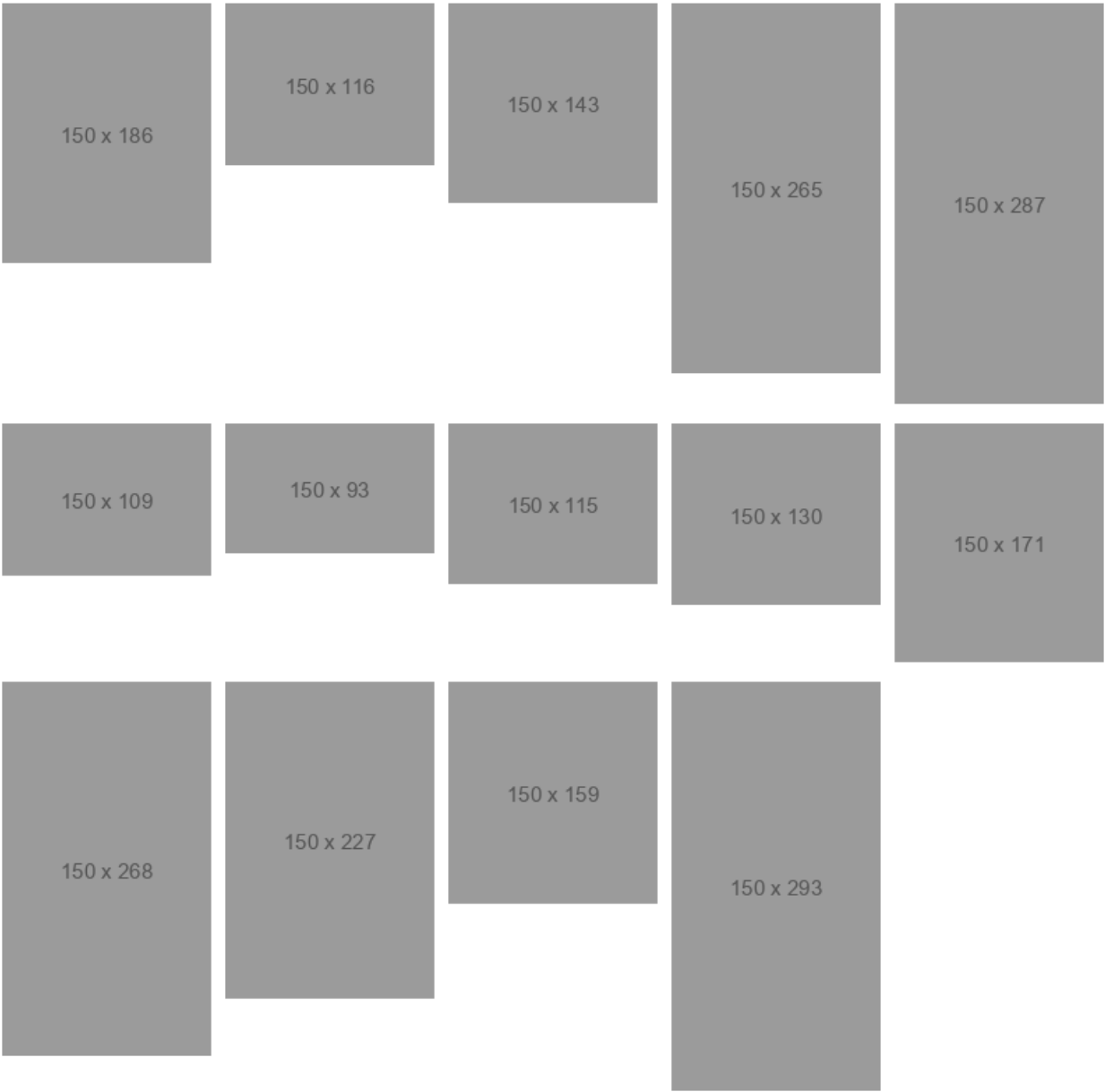
Diana Rikasari
Celebrating women in every era everywhere



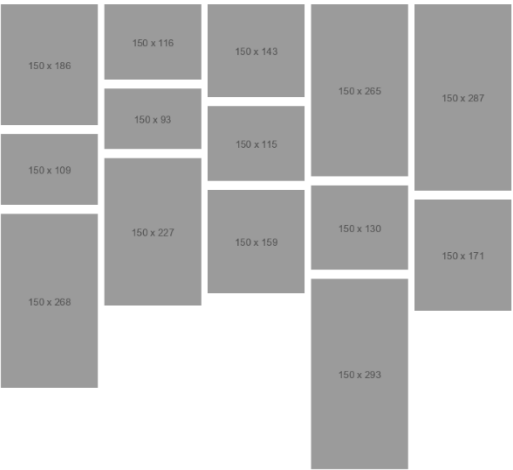
74
Isabelle Dias Merkel



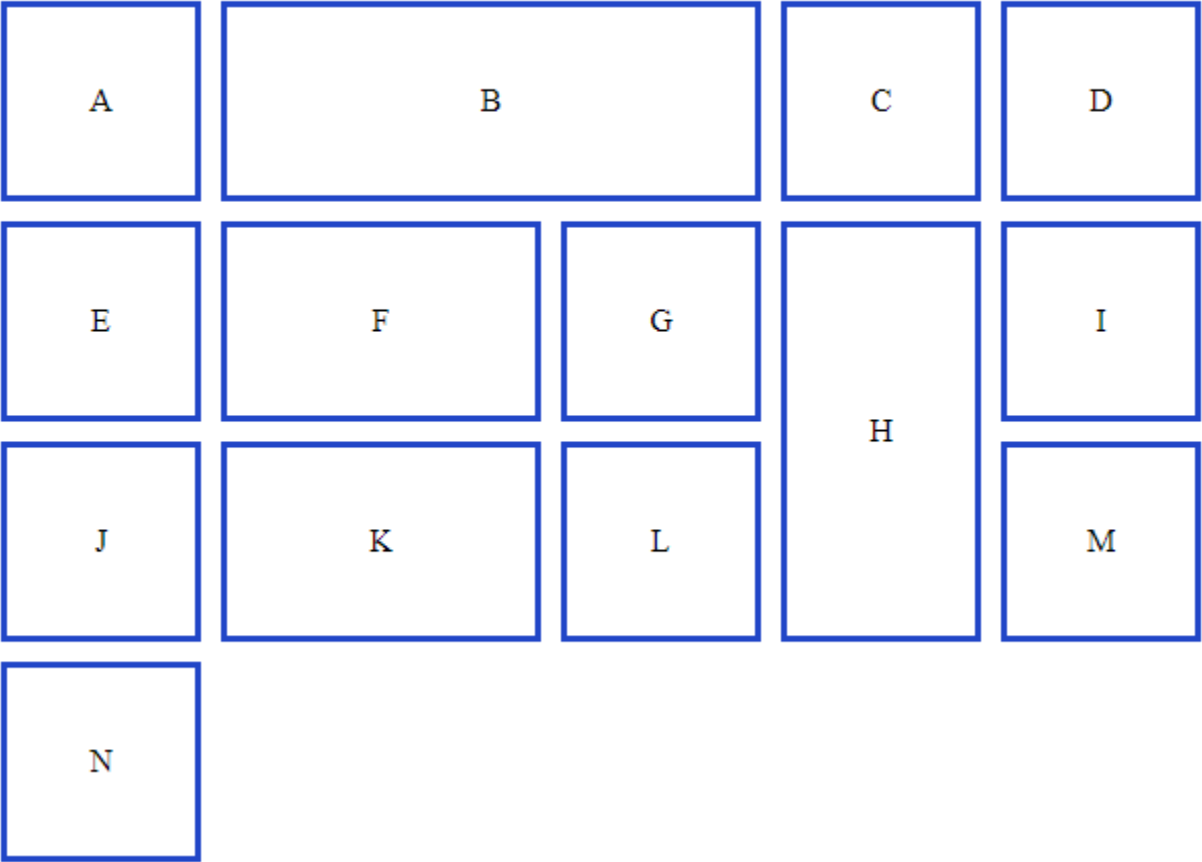
Masonry polyfill



Masonry polyfill



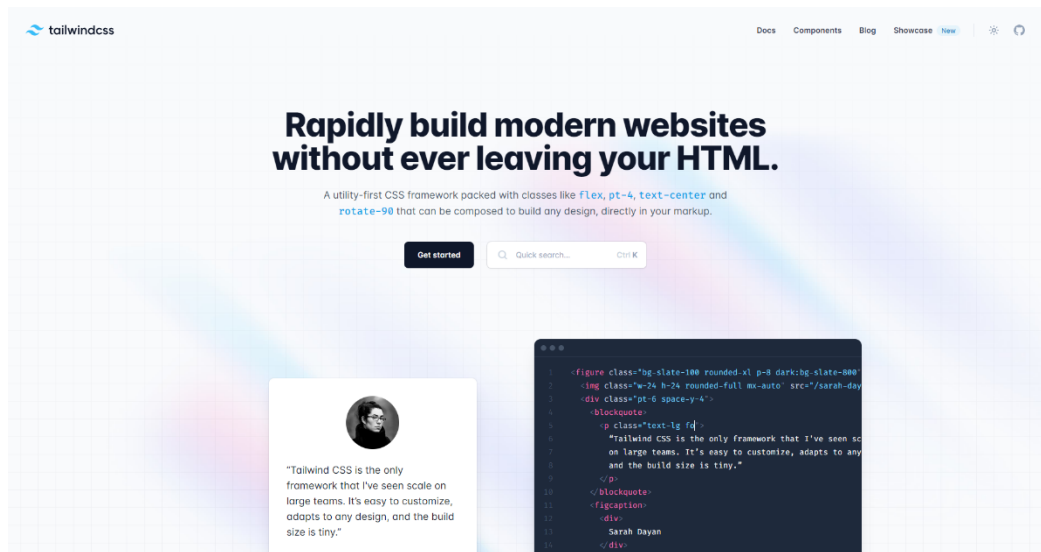
Grids styled with nth-row and nth-col



Grids styled with nth-row and nth-col

A	B		C	D
E	F	G	H	I
J	K	L		M
N				

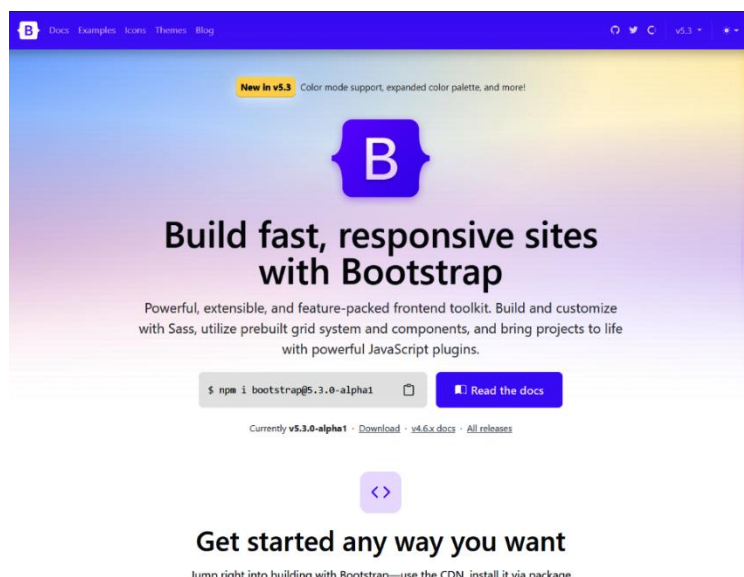
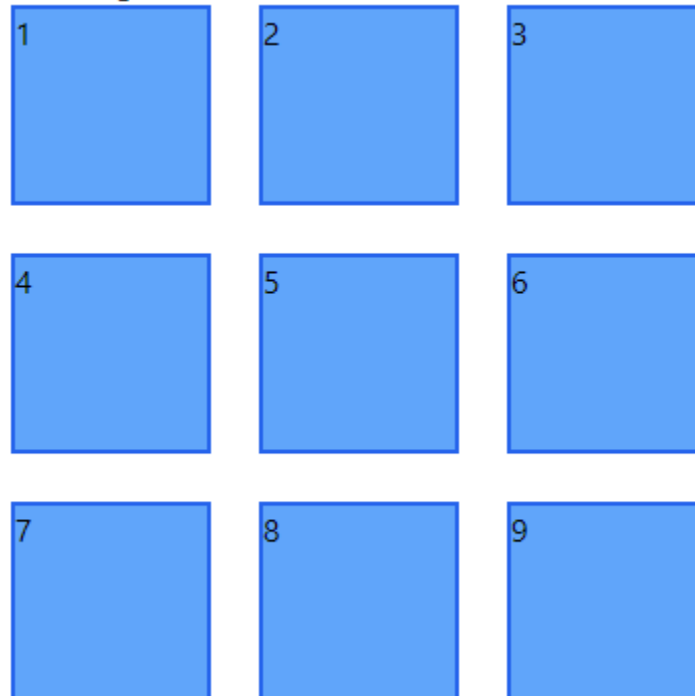
Chapter 8: Grids in the Wild – How Frameworks Implement Grids

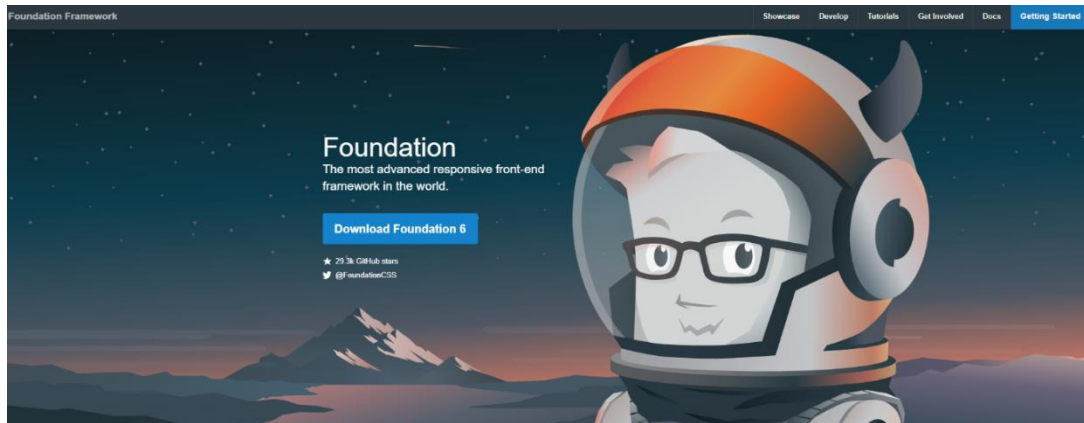
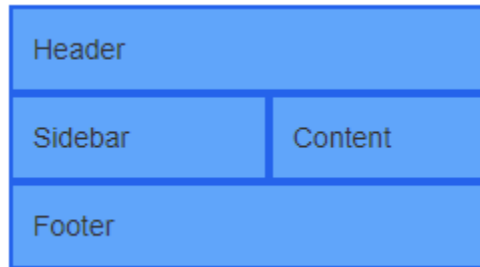
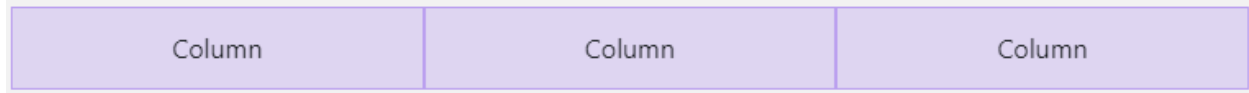


Built-in grid definitions



Inlined grid definitions





Responsive design gets a whole lot faster

A Framework for any device, medium, and accessibility. Foundation is a family of responsive front-end frameworks that make it easy to design beautiful responsive websites, apps and emails that look amazing on any device. Foundation is semantic, readable, flexible, and completely customizable. We're constantly adding new resources and code snippets, including these handy HTML templates to help get you started!

Bulma: the modern CSS framework that just works.

Bulma is a free, open source framework that provides ready-to-use frontend components that you can easily combine to build responsive web interfaces.

✓ No CSS knowledge required.

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```
npm install bulma
```

[Getting started](#)[Download v0.9.4](#)

Video by Vue Mastery



100% Responsive

Framework for mobile first



Modular

Build your web app the way you want



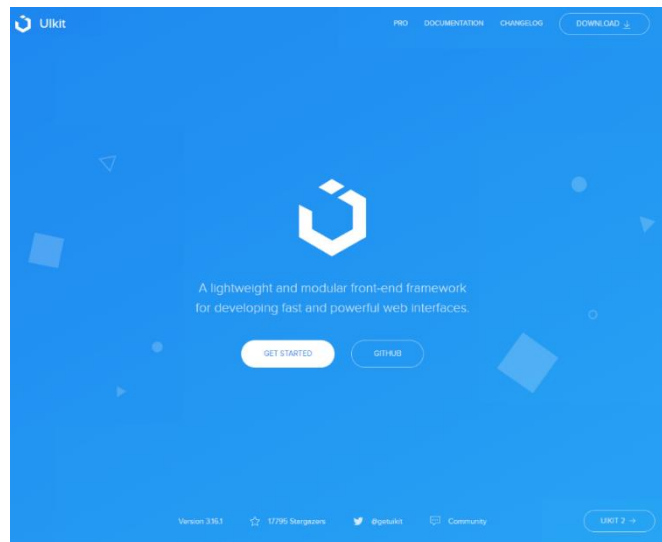
Modern

Build with Bulma



Free

Open source and MIT license



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Digital X-ray



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PURE

Get Started

Layouts

Base

Grids

Forms

Buttons

Tables

Menus

Tools

Customize

Extend

Releases



A set of small, responsive CSS modules that you can use in every web project.

```
<link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/purecss@3.0.0/build/pure-min.css"
integrity="sha384-
X3ByfunGUhNzHpBaEBsWLO+A0HDYQI8ufWDkZ0k9e0eXz/tH3II7uKZ9msv++Ls"
crossorigin="anonymous">
```

Get Started

View on GitHub

Base
0.9KB

Grids
0.6KB

Forms
1.4KB

Buttons
0.7KB

Tables
0.5KB

Menus
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CSS with a minimal footprint.

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Create fast loading, highly readable, and 100% responsive interfaces with as little css as possible.

Downloads

CSS

[Minified v4.12.0](#)[Build v4.12.0](#)

CSS in Js

[Styled System v0.2.0](#)[Theme UI v0.1.0](#)

Getting Started

Copy the line of code below and paste it in the head of the html file(s) you want to include tachyons in.

```
<link rel="stylesheet" href="https://unpkg.com/tachyons@4.12.0/css/tachyons.min.css"/>
```

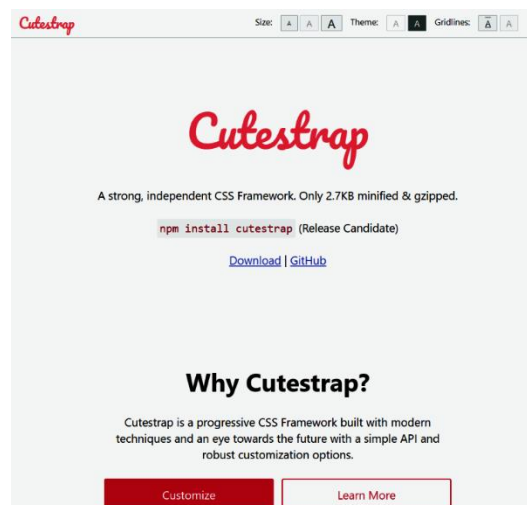
or install via npm

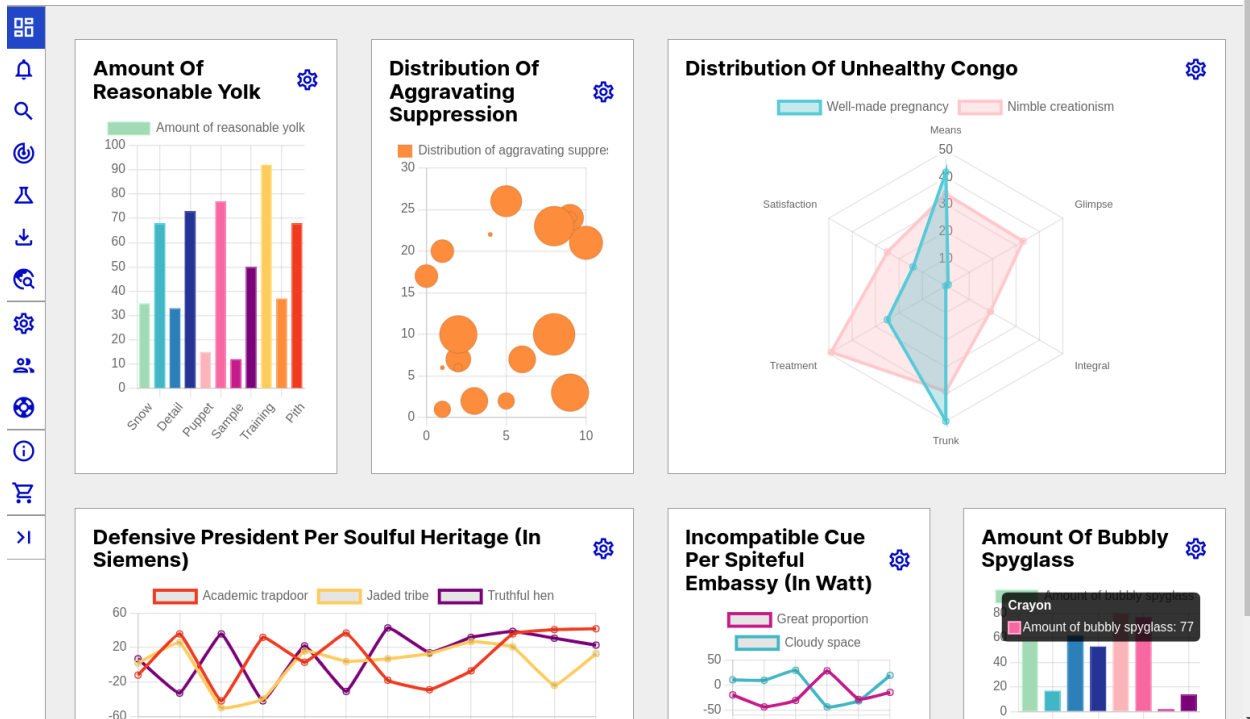
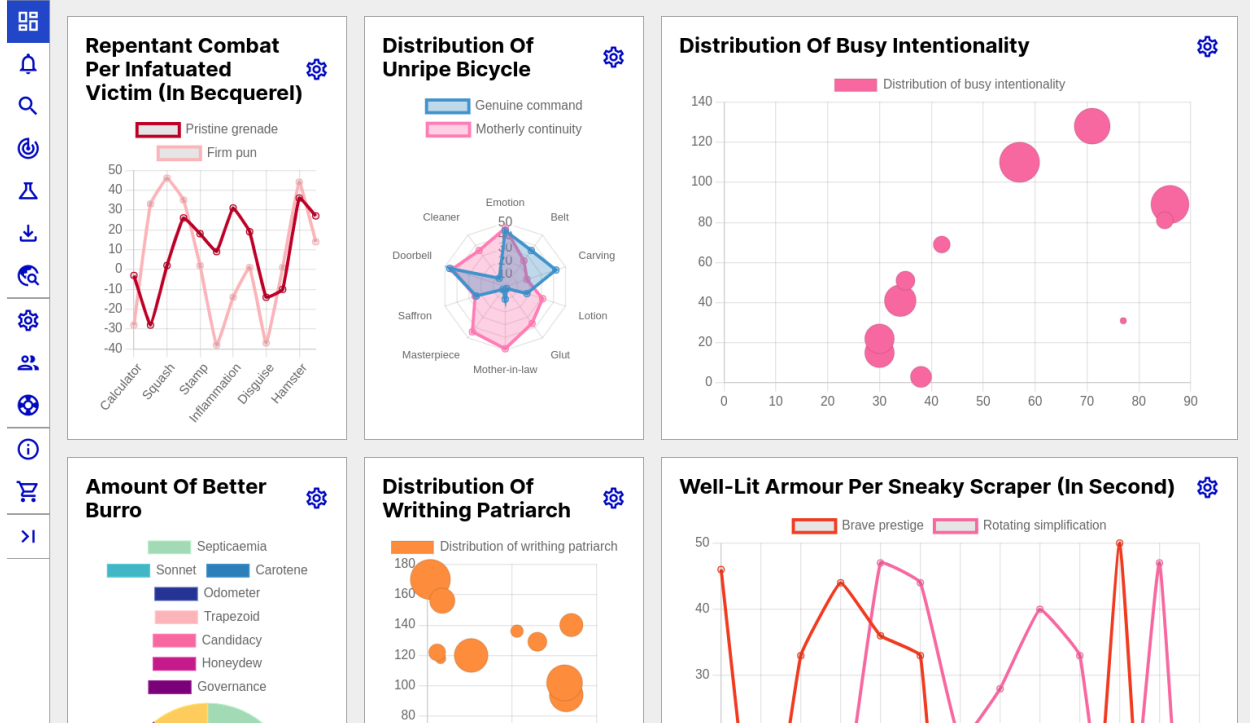
```
npm install tachyons@4.12.0
```

or grab all the source files and build+develop locally

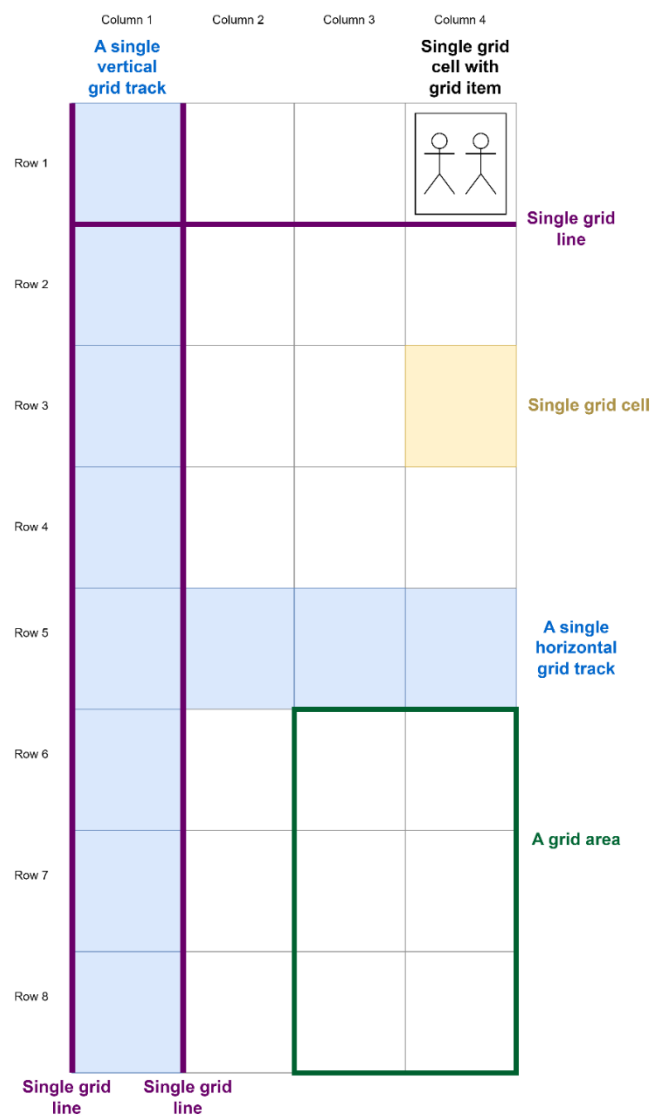
```
git clone git@github.com:tachyons-css/tachyons.git
cd tachyons
rm -rf .git && git init
npm install && npm start
```

Prototyping template





Chapter 9: Quick Reference and Cheat Sheet

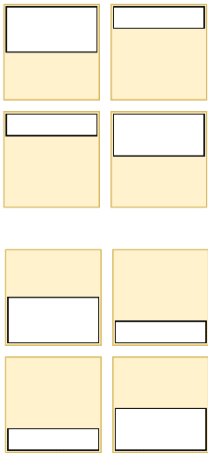


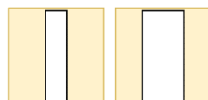
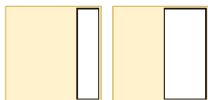
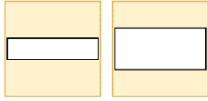
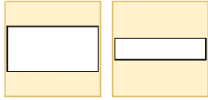
Header

Sidebar

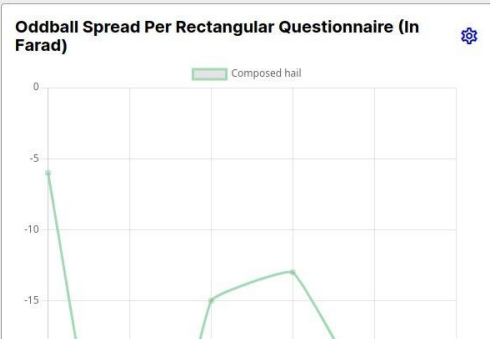
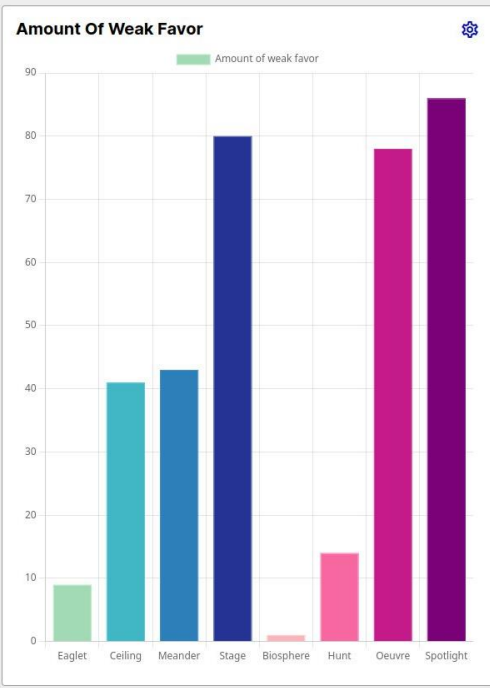
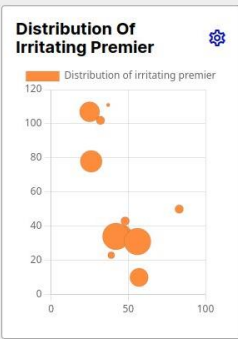
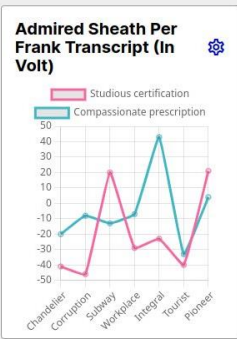
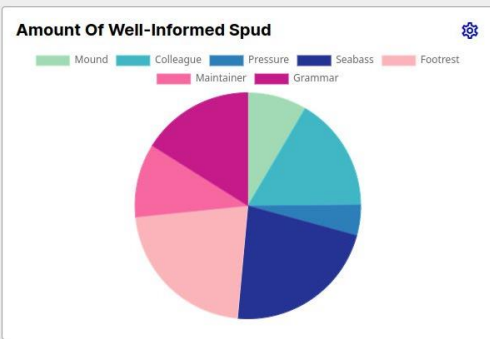
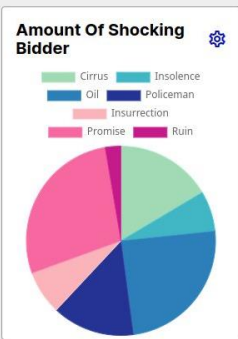
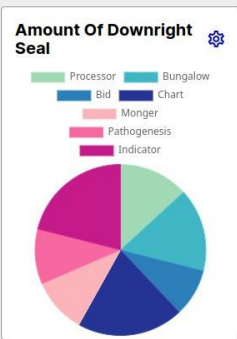
Content section

Footer





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