LEARNING PATHS

Improve your solution

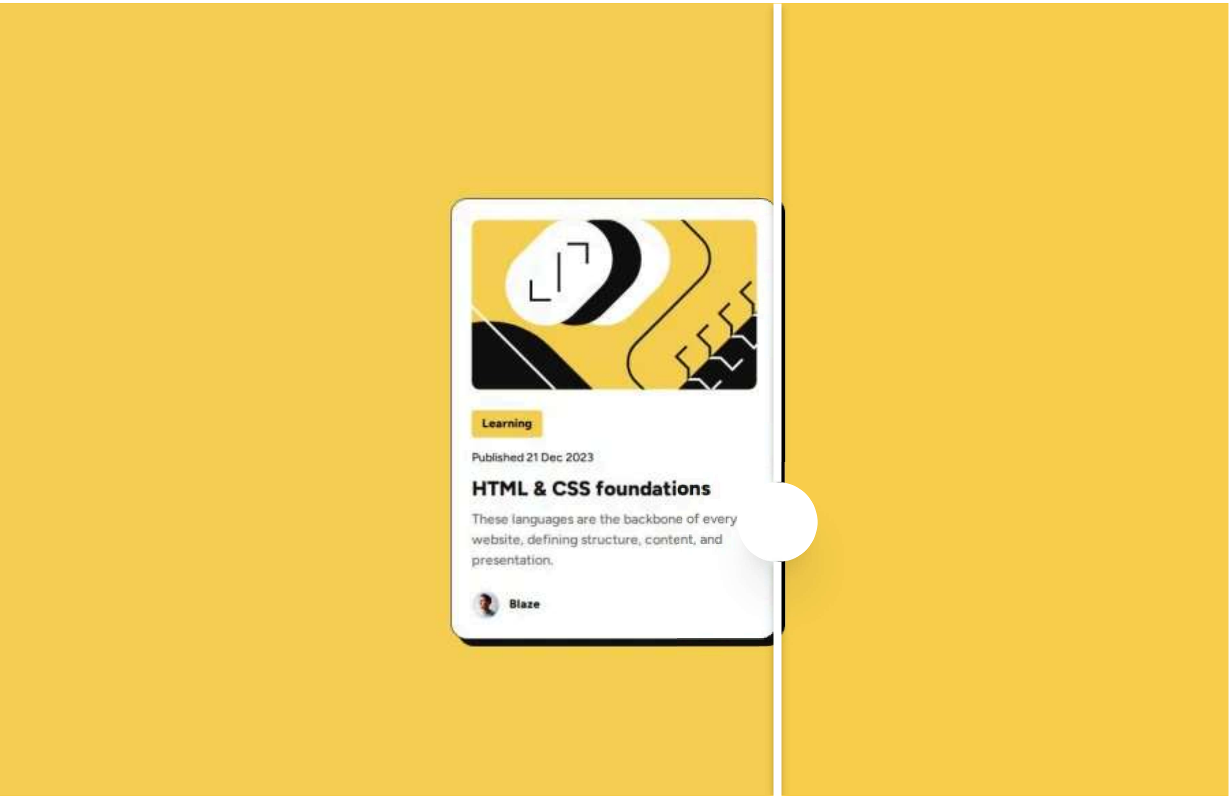
Take some time to find where you can improve your solution. You can use the design comparison slider and reports to help discover areas to work on. After updating your code and pushing the updates to your live site, generate a new screenshot or report to see the changes.

Improved your solution?

Generate a new screenshot to display your changes. You have unlimited screenshots.

REGENERATE SCREENSHOT

SOLUTION DESIGN



Learning

Published 21 Dec 2023

HTML & CSS foundations

These languages are the backbone of every website, defining structure, content, and presentation.

Blaze

Accessibility report HTML report CSS report JavaScript report

Reports are only visible to you

Improved your solution?

Generate a new report to resolve errors and warnings.

REGENERATE REPORTS

Learn more about our CSS report

AI Analysis Summary

You've mastered CSS custom properties and Flexbox layouts really well! Your responsive adjustments and modern feature usage show good understanding. To take it further, consider making widths more fluid, avoid animating costly properties like box-shadow, and simplify redundant styles for easier maintenance.

Priority recommendations:

1. Replace fixed widths with fluid or relative sizing using CSS functions like `clamp()` or percentages to improve responsiveness.
2. Avoid animating `box-shadow`; consider animating `transform` or `opacity` for smoother, more performant effects.
3. Remove vendor-prefixed `width` properties if not needed and rely on standard `fit-content` for better cross-browser consistency.
4. Consolidate repeated font-size declarations in media queries to reduce duplication and simplify maintenance.

Issues 8

All (8) **Error (0)** **Warning (7)** **Info (1)**

WARNING **Accessibility** 2 occurrences

Read more

Provide alternatives for users who prefer reduced motion to prevent motion sickness and other accessibility issues.

```
transition: var(--card-transition);
```

style.css:96

LEARN HOW TO FIX THIS ISSUE

WARNING **Accessibility** 1 occurrence

Read more

Use em or rem units in media queries to respect user font-size preferences and ensure better accessibility.

```
@media only screen and (min-width: 1440px) {
  .card {
    width: var(--card-width-desktop);
```

style.css:149

LEARN HOW TO FIX THIS ISSUE

WARNING **Responsive Design** 1 occurrence

Read more

Consider using relative units (em , rem) instead of absolute units (px , pt) to support resizing and improve accessibility.

```
font-size: 16px;
```

style.css:39

LEARN HOW TO FIX THIS ISSUE

WARNING **Responsive Design** AI Detected 1 occurrence

Fixed widths like --card-width-mobile: 20rem and --card-width-desktop: 24rem limit flexibility. This causes layout issues on varying screen sizes and reduces adaptability.

```
:root {
  --card-width-mobile: 20rem; /* 320px */
  --card-width-desktop: 24rem; /* 384px */
}
```

style.css:18-22

LEARN HOW TO FIX THIS ISSUE

WARNING **Performance** AI Detected 1 occurrence

Animating box-shadow on .card:hover triggers expensive paint operations. This causes slower animations and can degrade user experience on low-end devices.

```
.card {
  transition: var(--card-transition);
}
.card:hover {
  box-shadow: var(--card-box-shadow-hover);
}
```

style.css:49-55

LEARN HOW TO FIX THIS ISSUE

WARNING **Layout & Styling** AI Detected 1 occurrence

Using vendor-prefixed width properties with fit-content in .status is redundant and may cause inconsistent behavior. This can lead to layout bugs across browsers.

```
.status {
  width: -webkit-fit-content;
  width: -moz-fit-content;
  width: fit-content;
}
```

style.css:57-64

LEARN HOW TO FIX THIS ISSUE

WARNING **Maintainability** AI Detected 1 occurrence

Repeated font-size declarations in media queries for `.status.text-size-5` and `.publish-date.text-size-5` duplicate styles. This increases maintenance effort and risk of inconsistencies.

```css
@media only screen and (min-width: 1440px) {
  .status.text-size-5,
  .publish-date.text-size-5 {
    font-size: var(--font-size-sm);
  }
}
```

style.css:81-89

HOW TO FIX THIS ISSUE

What's the issue?

The CSS code repeats the same `font-size` declaration for two selectors `.status.text-size-5` and `.publish-date.text-size-5` inside a media query. This duplication means the same style is written multiple times, which can make the stylesheet harder to maintain and update over time.

Why does this matter?

Repeated styles increase the chance of inconsistencies when you need to update the font size later—if you change one but forget the other, your UI can break or look inconsistent. Clean, DRY (Don't Repeat Yourself) CSS improves maintainability, reduces file size, and makes your codebase easier to understand and scale, which is crucial when building professional projects that employers review.

How to fix it

Combine the selectors that share the same styles into a single rule to avoid repetition:

Before (repeated declarations):

```css
@media only screen and (min-width: 1440px) {
  .status.text-size-5 {
    font-size: var(--font-size-sm); /* font size for status */
  }
  .publish-date.text-size-5 {
    font-size: var(--font-size-sm); /* font size for publish date */
  }
}
```

After (combined selectors):

```
@media only screen and (min-width: 1440px) {
  /* Combine selectors to apply the same font size once */
  .status.text-size-5,
  .publish-date.text-size-5 {
    font-size: var(--font-size-sm);
  }
}
```

Best practice tip

Group selectors that share identical styles to keep your CSS DRY. This reduces maintenance overhead and helps prevent bugs caused by inconsistent updates.

TLDR

Combine selectors with identical styles to write cleaner, easier-to-maintain CSS and avoid duplication.

Next steps

Update your CSS by combining repeated selectors as shown, then test your site locally to ensure styles apply correctly. Push your changes to GitHub and generate a new solution report to confirm the issue is resolved. Iterative improvements like this sharpen your skills and make your projects stand out—don’t hesitate to ask the community if you want feedback or help!

INFO **Best Practice** 1 occurrence

Read more

Consider using CSS functions like calc() , min() , and clamp() to create more responsive and flexible layouts that adapt to different viewport sizes.

```
font-size: 16px;
```

style.css:39

LEARN HOW TO FIX THIS ISSUE

AI-detected issues notice

Some issues shown above were detected by AI analysis and may require human review for accuracy. If you’re unsure about any findings or need clarification, please reach out in the help channel on Discord for assistance.

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Strengths

Maintainability

Excellent use of CSS custom properties (--variables) for colors, fonts, sizing, and transitions improves consistency and makes future updates easier.

Responsive Design

Good use of media queries to adjust card width and font sizes for larger screens enhances usability across devices.

Layout & Styling

Effective use of Flexbox for layout in .card , .text-container , and .author-container provides clean and flexible component structure.

Performance

Use of @supports to apply 100dvh for better viewport height handling on supported browsers shows attention to modern CSS features.

Readability

Clear and descriptive class names like .course-name , .author-image , and .banner-img improve code readability and maintainability.

CONTINUE

Your path progress

Introduction to Frontend Mentor

Setting up your development environment

Submitting your first solution

QR code component

How to make the most out of the Frontend Mentor community

Blog preview card

- Start solution
- Submit solution
- **Improve solution**
- Peer review
- Challenge completed

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Recipe page

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