

Assignment: Styled Contact Card

Overview

Create your own styled contact card using CSS, applying the selectors, Box Model properties, and visual styling techniques learned in Lecture 3. This card should represent a real or fictional person with professional styling.

Requirements

Your styled contact card must include:

1. HTML Structure

- Valid HTML5 document (`<!DOCTYPE html>` , `<html>` , `<head>` , `<body>`)
- Semantic elements where appropriate (building on Lectures 1-2)
- At least: one heading, two paragraphs, one list, and one image
- All content inside a card container element

2. CSS Implementation

Element	Requirement
Placement	Internal <code><style></code> tag in <code><head></code>
Element selectors	At least 3 different element selectors (e.g., <code>h1</code> , <code>p</code> , <code>body</code>)
Class selectors	At least 3 different class selectors
Pseudo-class	At least 1 pseudo-class (<code>:hover</code> on links or buttons)
Box Model	Visible use of <code>padding</code> , <code>margin</code> , and <code>border</code>
box-sizing reset	Universal <code>*</code> , <code>*::before</code> , <code>*::after</code> { <code>box-sizing: border-box;</code> }

3. Visual Styling

Property	Requirement
Colors	At least 3 colors using hex format (#RRGGBB)
Typography	font-family with fallback stack, size hierarchy (heading vs body)
font-weight	At least 2 different weights
border-radius	Rounded corners on the card
box-shadow	Drop shadow on the card
Hover effect	Visual change on at least one interactive element

4. Technical Requirements

- Single HTML file with internal CSS (no external stylesheets)
- All CSS must be syntactically valid (proper semicolons, braces, colons)
- Card should be horizontally centered on the page
- Code must be well-organized with comments explaining sections

Example Structure

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>My Contact Card</title>
  <style>
    /* Universal reset */
    *, *::before, *::after {
      box-sizing: border-box;
    }

    /* Body styling */
    body {
      /* your styles */
    }

    /* Card container */
    .card {
      /* width, padding, margin, border-radius, box-shadow */
    }

    /* Profile image */
    .profile-img {
      /* border-radius: 50% for circular */
    }

    /* Name */
    h1 {
      /* font-size, color, font-weight */
    }

    /* Contact links */
    a {
      /* color, text-decoration */
    }

    a:hover {
      /* hover effect */
    }
  </style>
</head>
```

```
        /* ... more styles ... */
    </style>
</head>
<body>
    <div class="card">
        
        <h1>Your Name</h1>
        <p class="title">Your Role</p>
        <p class="bio">A short bio about yourself...</p>
        <ul class="contact-list">
            <li><a href="mailto:you@example.com">you@example.com</a></li>
            <li><a href="tel:+123456789">+1 234-567-89</a></li>
        </ul>
    </div>
</body>
</html>
```

Resources

- **Placeholder images:** <https://picsum.photos/200/200> (or any size)
- **Color picker:** Search "color picker" in Google for a hex color tool
- **Color contrast checker:** [WebAIM Contrast Checker](#)
- **CSS reference:** [MDN CSS Reference](#)
- **Named colors:** Search "CSS named colors" for the full list of 140+ colors

Submission Instructions

1. Create a single HTML file named `contact-card.html`
2. Test it in your browser — make sure everything displays correctly
3. Open Chrome DevTools and verify the Box Model is as expected
4. Upload to Google Classroom

Pre-Submission Checklist

Before submitting, verify:

- ☐ HTML document is valid (`<!DOCTYPE html>` , proper `<head>` and `<body>`)
- ☐ `<style>` tag is inside `<head>` , not `<body>`
- ☐ `box-sizing: border-box` universal reset is present
- ☐ At least 3 element selectors used
- ☐ At least 3 class selectors used
- ☐ At least 1 pseudo-class (`:hover`) used
- ☐ Padding, margin, and border are all visibly applied
- ☐ At least 3 hex colors used
- ☐ `font-family` has a fallback font
- ☐ Card has `border-radius` and `box-shadow`
- ☐ Hover effect works on at least one element
- ☐ Card is centered on the page
- ☐ Code has comments explaining sections
- ☐ Creative addition is included

Grading Criteria

Criteria	Points
CSS syntax correctness (valid rules, semicolons, selectors)	10
Selector usage (element, class, at least 1 pseudo-class <code>:hover</code>)	15
Box Model application (padding, margin, border all visible)	15
<code>box-sizing: border-box</code> reset applied	5
Color scheme (3+ colors, hex format)	10
Typography (font-family with fallback, size hierarchy, weight)	10
Visual polish (border-radius, box-shadow, hover effects)	10
Semantic HTML structure (proper elements, valid document)	10
Code organization (comments, indentation, readability)	5

Criteria	Points
Creative addition (feature beyond in-class demo)	10
Total	100

Tips for Success

1. **Start with HTML first** — get all your content structured before adding any CSS
2. **Style one section at a time** — body first, then card, then typography, then colors
3. **Refresh your browser after every change** — catch issues immediately
4. **Use Chrome DevTools** — inspect elements to verify your Box Model values
5. **Don't copy the in-class code exactly** — make it YOUR card with your own design choices

Creative Addition Ideas (10 points)

Want inspiration? Here are some ideas for the creative addition:

- A gradient background (`background: linear-gradient(...)`)
- A decorative top/bottom border with a different color
- A "dark mode / light mode" look (dark card on light background or vice versa)
- An emoji-based skill bar or rating system
- Custom styled horizontal rule (`<hr>`) as a divider
- A second card with different styling (colleague, friend, etc.)

Common Mistakes to Avoid

- **Dot in HTML:** `class=".card"` is WRONG → `class="card"` is correct
- **Missing semicolons:** `color: blue` without `;` breaks the next property too
- **Misspelled properties:** `colour` , `backgorund-color` fail silently
- **No fallback font:** `font-family: 'Fancy Font';` without sans-serif fallback
- **content-box math:** Without `border-box` , padding adds to your width unexpectedly
- **Poor contrast:** Light text on light background (or dark on dark) is hard to read

Need Help?

- Review the lecture recording
- Check the `cheatsheet.md` file for quick reference
- Open Chrome DevTools on ANY website and inspect how professional sites use CSS
- Post questions in the Google Classroom comments
- Attend office hours (schedule TBA)

You've written your first CSS today — that's a huge milestone. Now make it yours! 🧠