Case Study: Travel Bliss – A Travel Booking Website

Scenario

You are tasked with creating a small, multi-page travel booking website called **"Travel Bliss"**. The site will allow users to:

1. Navigate between pages (Home, Destinations, Booking, Contact).

2. View travel destinations in a grid layout.

3. Fill out a booking form.

4. Experience good design using the **CSS3 Box Model** and **Positioning**.

5. Have a consistent header and footer on every page.

6. Include responsive design basics.

Page Structure

1. **index.html** – Home page

2. **destinations.html** – Grid of images

3. **booking.html** – Booking form with radio buttons & checkboxes

4. **contact.html** – Contact info and form

5. **style.css** – External CSS file

Case Study 2: "EcoTour – Explore Nature"

Type: Single Page Application (SPA)

Tech: HTML5, CSS3

Features:

1. **Header & Branding** – Logo and site title.

2. **Navigation Bar** – Sticky nav using `<nav>` with internal section links (`#about`, `#gallery`, `#contact`).

3. **Hero Section** – Full-width banner image.

4. **About Section** – Describes the purpose of the site.

5. **Image Gallery** – Grid layout for travel images.

6. **Contact Form** – HTML5 form validation with radio buttons.

7. **Social Media Links** – Icon links in the footer.

8. **CSS3 Box Model & Positioning** – Used for clean layout.

9. **Responsive Design** – Media queries for small screens.

Case Study: Travel Bliss – A Travel Booking Website

Index.html

```
<!DOCTYPE html>

<html lang="en">

<head>

 <meta charset="utf-8" />

 <meta name="viewport" content="width=device-width, initial-scale=1" />

 <title>Travel Bliss — Home</title>

 <link rel="stylesheet" href="style.css" />

 <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-

 awesome/6.4.0/css/all.min.css">

</head>

<body>

 <header class="site-header">

  <a href="index.html" class="logo"> 🌴 Travel <span>Bliss</span></a>

  <nav class="site-nav" aria-label="Primary">

   <a href="index.html" class="active">Home</a>

   <a href="destinations.html">Destinations</a>

   <a href="booking.html">Booking</a>

   <a href="contact.html">Contact</a>

  </nav>

 </header>


 <main>

  <section class="hero">

   <div class="hero-content">
```

```html
    <h1>Your next escape awaits</h1>
    <p>Handpicked getaways, smooth bookings, and memories that last.</p>
    <a class="btn" href="destinations.html">Explore Destinations</a>
  </div>
</section>

<section class="features container">
  <h2>Why Travel Bliss?</h2>
  <div class="grid-3">
    <article class="card">
      <h3>Curated Spots</h3>
      <p>Discover beaches, mountains, and cities loved by real travelers.</p>
    </article>
    <article class="card">
      <h3>Smooth Booking</h3>
      <p>Simple forms, instant confirmations, and flexible options.</p>
    </article>
    <article class="card">
      <h3>24×7 Support</h3>
      <p>We're around the clock to help before, during, and after.</p>
    </article>
  </div>
</section>

<section class="highlight container">
  <h2>Popular Right Now</h2>
  <div class="grid-3">
```

```html
      <a class="tile" href="destinations.html#bali">

        <img src="https://images.unsplash.com/photo-1526778548025-

        fa2f459cd5c1?auto=format&fit=crop&w=1200&q=80" alt="Bali beach" />

        <span>Bali, Indonesia</span>

      </a>

      <a class="tile" href="destinations.html#paris">

        <img src="https://images.unsplash.com/photo-1502602898657-

        3e91760cbb34?auto=format&fit=crop&w=1200&q=80" alt="Paris city" />

        <span>Paris, France</span>

      </a>

      <a class="tile" href="destinations.html#maldives">

        <img src="https://images.unsplash.com/photo-1500375592092-

        40eb2168fd21?auto=format&fit=crop&w=1200&q=80" alt="Maldives water villas" />

        <span>Maldives</span>

      </a>

    </div>

  </section>

</main>


<footer class="site-footer">

  <p>© <span id="year"></span> Travel Bliss · <a href="contact.html">Contact us</a></p>

  <div class="social">

    <a href="https://www.instagram.com" target="_blank" aria-label="Instagram">

      <i class="fab fa-instagram"></i>

    </a>

    <a href="https://twitter.com" target="_blank" aria-label="Twitter">

      <i class="fab fa-twitter"></i>
```

```
    </a>

    <a href="https://facebook.com" target="_blank" aria-label="Facebook">

      <i class="fab fa-facebook"></i>

    </a>

  </div>

</footer>


<script>

  document.getElementById('year').textContent = new Date().getFullYear();

</script>

</body>

</html>
```

destination.html

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="utf-8" />

  <meta name="viewport" content="width=device-width, initial-scale=1" />

  <title>Travel Bliss — Destinations</title>

  <link rel="stylesheet" href="style.css" />

  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.4.0/css/all.min.css">

</head>

<body>

<header class="site-header">

  <a href="index.html" class="logo"> 🌴 Travel <span>Bliss</span></a>
```

```html
  <nav class="site-nav" aria-label="Primary">

   <a href="index.html">Home</a>

   <a href="destinations.html" class="active">Destinations</a>

   <a href="booking.html">Booking</a>

   <a href="contact.html">Contact</a>

  </nav>

</header>


<main class="container">

 <h1>Browse Destinations</h1>

 <p class="muted">Click a card to prefill your booking later.</p>


 <section class="grid-4 gallery">

  <!-- Bali -->

  <a id="bali" class="card link-card" href="booking.html?place=Bali">

   <img src="https://images.unsplash.com/photo-1526778548025-

   fa2f459cd5c1?auto=format&fit=crop&w=1200&q=80" alt="Bali cliffs" />

   <h3>Bali, Indonesia</h3>

   <p>Beaches, temples, cafes.</p>

  </a>


  <!-- Paris -->

  <a id="paris" class="card link-card" href="booking.html?place=Paris">

   <img src="https://images.unsplash.com/photo-1508057198894-

   247b23fe5ade?auto=format&fit=crop&w=1200&q=80" alt="Eiffel Tower" />

   <h3>Paris, France</h3>

   <p>Art, pastries, strolls.</p>
```

```html
      </a>

      <!-- Maldives -->
      <a id="maldives" class="card link-card" href="booking.html?place=Maldives">
        <img src="https://images.unsplash.com/photo-1505764706515-
        aa95265c5abc?auto=format&fit=crop&w=1200&q=80" alt="Maldives sea" />
        <h3>Maldives</h3>
        <p>Overwater villas and lagoons.</p>
      </a>

      <!-- Kyoto -->
      <a id="kyoto" class="card link-card" href="booking.html?place=Kyoto">
        <img src="https://images.unsplash.com/photo-1549692520-
        acc6669e2f0c?auto=format&fit=crop&w=1200&q=80" alt="Kyoto shrine" />
        <h3>Kyoto, Japan</h3>
        <p>Temples and tea houses.</p>
      </a>
    </section>
</main>

<footer class="site-footer">
  <p>© <span id="year"></span> Travel Bliss</p>
  <div class="social">
    <a href="https://www.instagram.com" target="_blank" aria-label="Instagram">
      <i class="fab fa-instagram"></i>
    </a>
    <a href="https://twitter.com" target="_blank" aria-label="Twitter">
```

```
        <i class="fab fa-twitter"></i>

      </a>

      <a href="https://facebook.com" target="_blank" aria-label="Facebook">

        <i class="fab fa-facebook"></i>

      </a>

    </div>

  </footer>


  <script>

    document.getElementById('year').textContent = new Date().getFullYear();

  </script>

  </body>

  </html>
```

booking.html

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="utf-8" />

  <meta name="viewport" content="width=device-width, initial-scale=1" />

  <title>Travel Bliss — Booking</title>

  <link rel="stylesheet" href="style.css" />

</head>

<body>

<header class="site-header">

  <a href="index.html" class="logo"> 🌴 Travel <span>Bliss</span></a>

  <nav class="site-nav" aria-label="Primary">
```

```html
      <a href="index.html">Home</a>

      <a href="destinations.html">Destinations</a>

      <a href="booking.html" class="active">Booking</a>

      <a href="contact.html">Contact</a>

    </nav>

  </header>


  <main class="container">

    <h1>Book Your Trip</h1>


    <form class="form card" action="success.html" method="get" novalidate>

      <div class="form-row">

        <label for="fullname">Full Name*</label>

        <input id="fullname" name="fullname" type="text" required placeholder="e.g., jyothsna

        Pulleerapu" />

      </div>


      <div class="form-row">

        <label for="email">Email*</label>

        <input id="email" name="email" type="email" required placeholder="you@example.com" />

      </div>


      <div class="form-row">

        <label for="destination">Destination*</label>

        <input id="destination" name="destination" type="text" required placeholder="Bali, Paris…"

        />

      </div>
```

```html
<div class="form-row">
  <label for="dates">Travel Dates*</label>
  <input id="dates" name="dates" type="date" required />
</div>

<fieldset class="form-row">
  <legend>Travel Class*</legend>
  <label><input type="radio" name="class" value="economy" required /> Economy</label>
  <label><input type="radio" name="class" value="business" /> Business</label>
  <label><input type="radio" name="class" value="first" /> First</label>
</fieldset>

<fieldset class="form-row">
  <legend>Add-ons</legend>
  <label><input type="checkbox" name="addons" value="meals" /> In-flight meals</label>
  <label><input type="checkbox" name="addons" value="insurance" /> Travel
  insurance</label>
  <label><input type="checkbox" name="addons" value="pickup" /> Airport pickup</label>
</fieldset>

<div class="form-row">
  <label for="notes">Notes</label>
  <textarea id="notes" name="notes" rows="4" placeholder="Any preferences or
  requests?"></textarea>
</div>
```

```html
    <div class="form-row">

      <button type="submit" class="btn">Submit Booking</button>

      <button type="reset" class="btn btn-ghost">Reset</button>

    </div>

    <p class="muted small">* Required fields</p>

  </form>

</main>


<footer class="site-footer">

  <p>© <span id="year"></span> Travel Bliss</p>

</footer>


<script>

  // Prefill from query like ?place=Bali

  const params = new URLSearchParams(location.search);

  const place = params.get('place');

  if (place) document.getElementById('destination').value = place;

  document.getElementById('year').textContent = new Date().getFullYear();

</script>

</body>

</html>
```

Contact.html

```html
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="utf-8" />
```

```html
    <meta name="viewport" content="width=device-width, initial-scale=1" />

    <title>Travel Bliss — Contact</title>

    <link rel="stylesheet" href="style.css" />

  </head>

  <body>

  <header class="site-header">

    <a href="index.html" class="logo"> 🌴 Travel <span>Bliss</span></a>

    <nav class="site-nav" aria-label="Primary">

      <a href="index.html">Home</a>

      <a href="destinations.html">Destinations</a>

      <a href="booking.html">Booking</a>

      <a href="contact.html" class="active">Contact</a>

    </nav>

  </header>


  <main class="container">

    <h1>Contact Us</h1>

    <div class="grid-2">

      <section class="card">

        <h2>Get in touch</h2>

        <p>Email: <a

        href="mailto:support@travelbliss.example">support@travelbliss.example</a></p>

        <p>Phone: +91-90000-00000</p>

        <p>Address: 42 Beach Rd, Goa, India</p>

        <div class="map-placeholder" role="img" aria-label="Map placeholder">Map</div>

      </section>
```

```html
<form class="form card" action="success.html" method="post" novalidate>

  <div class="form-row">

    <label for="cname">Name*</label>

    <input id="cname" name="name" type="text" required />

  </div>

  <div class="form-row">

    <label for="cemail">Email*</label>

    <input id="cemail" name="email" type="email" required />

  </div>

  <fieldset class="form-row">

    <legend>Reason*</legend>

    <label><input type="radio" name="reason" value="support" required /> Support</label>

    <label><input type="radio" name="reason" value="sales" /> Sales</label>

    <label><input type="radio" name="reason" value="other" /> Other</label>

  </fieldset>

  <div class="form-row">

    <label for="cmsg">Message*</label>

    <textarea id="cmsg" name="message" rows="4" required></textarea>

  </div>

  <div class="form-row">

    <button class="btn" type="submit">Send</button>

  </div>

  <p class="muted small">* Required fields</p>

</form>

</div>

</main>
```

```html
<footer class="site-footer">
  <p>© <span id="year"></span> Travel Bliss</p>
</footer>
<script>document.getElementById('year').textContent = new Date().getFullYear();</script>
</body>
</html>
```

style.css

```css
:root{
  --bg: #0f172a;
  --panel: #111827;
  --muted: #9ca3af;
  --text: #e5e7eb;
  --brand: #22c55e;
  --brand-2: #06b6d4;
  --ring: rgba(34,197,94,.35);
}

*{
  box-sizing:border-box
}
html,body{
  margin:0
}
body{
  background: linear-gradient(180deg, var(--bg), #0a0f1f 65%);
  color: var(--text);
```

```css
  font: 16px/1.6 system-ui, -apple-system, Segoe UI, Roboto, "Helvetica Neue", Arial, "Noto
  Sans", "Apple Color Emoji", "Segoe UI Emoji";
}


.site-header{
  position: sticky; top: 0; z-index: 100;
  display:flex; align-items:center; justify-content:space-between;
  gap:1rem; padding:.85rem 1rem;
  background: rgba(15,23,42,.7); backdrop-filter: blur(6px);
  border-bottom: 1px solid rgba(255,255,255,.06);
}
.logo{
  font-weight:800; text-decoration:none; color:var(--text)
}
.logo span{
  color:var(--brand)
}
.site-nav a{
  color:var(--muted); text-decoration:none; padding:.55rem .8rem; border-radius:.75rem;
}
.site-nav a:hover, .site-nav a.active{
  color:#fff; background:rgba(255,255,255,.06)
}


.hero{
  min-height: 68vh;
  background:
```

```css
    linear-gradient(rgba(0,0,0,.55), rgba(0,0,0,.55)),
    url("https://images.unsplash.com/photo-1500530855697-b586d89ba3ee?q=80&w=1920")
    center/cover no-repeat;
    display:grid; place-items:center; text-align:center; padding:3rem 1rem;
}
.hero-content h1{
    font-size: clamp(2rem, 5vw, 3.2rem); margin:0 0 .5rem
}
.hero-content p{
    color:var(--muted); margin:0 0 1.25rem
}


.btn{
    display:inline-block; border:0; padding:.8rem 1.1rem; border-radius:.9rem;
    background: linear-gradient(90deg, var(--brand), var(--brand-2));
    color:#00110a; font-weight:700; text-decoration:none; cursor:pointer;
    box-shadow: 0 8px 30px var(--ring);
}
.btn:focus{
    outline:2px solid var(--ring); outline-offset:2px
}
.btn-ghost{
    background:transparent; color:#fff; border:1px solid rgba(255,255,255,.18)
}


.container{
    max-width:1100px; margin-inline:auto; padding:2rem 1rem
```

```css
}
.grid-3{display:grid; gap:1rem; grid-template-columns:repeat(3,1fr)}
.grid-4{display:grid; gap:1rem; grid-template-columns:repeat(4,1fr)}
.grid-2{display:grid; gap:1rem; grid-template-columns:1.2fr .8fr}
@media (max-width: 900px){
  .grid-4{grid-template-columns:repeat(2,1fr)}
  .grid-3{grid-template-columns:repeat(2,1fr)}
  .grid-2{grid-template-columns:1fr}
}
@media (max-width: 520px){
  .grid-4,.grid-3{grid-template-columns:1fr}
}


.card{
  background: linear-gradient(180deg, rgba(255,255,255,.03), rgba(255,255,255,.015));
  border: 1px solid rgba(255,255,255,.08);
  border-radius: 1rem; padding:1rem;
  box-shadow: 0 10px 30px rgba(0,0,0,.25);
}
.link-card{
  transition: transform .2s ease, box-shadow .2s ease
}
.link-card:hover{
  transform: translateY(-4px); box-shadow: 0 16px 40px rgba(0,0,0,.35)
}
.card img, .tile img{
  width:100%; height:220px; object-fit:cover; border-radius:.8rem
```

```css
}
.tile{
  position:relative; display:block; color:#fff; text-decoration:none
}
.tile span{
  position:absolute; left:.8rem; bottom:.8rem; background:rgba(0,0,0,.5);
  padding:.35rem .55rem; border-radius:.5rem; font-weight:600; backdrop-filter: blur(4px);
}


.form{
  display:grid; gap:1rem
}
.form-row{
  display:grid; gap:.35rem
}
label{
  font-weight:600
}
input[type="text"], input[type="email"], input[type="date"],textarea{
  width:100%; padding:.8rem 1rem; border-radius:.8rem; border:1px solid rgba(255,255,255,.14);
  background: rgba(255,255,255,.03); color:var(--text);
}
input:focus,textarea:focus{
outline:2px solid var(--ring); outline-offset:2px}
fieldset{border:1px dashed rgba(255,255,255,.18); border-radius:.8rem; padding:1rem}
legend{padding:0 .4rem; color:var(--muted)}
.small{font-size:.875rem
```

```css
}
.muted{
  color:var(--muted)
}


.map-placeholder{
  height: 220px; border-radius: .8rem;
  border:1px dashed rgba(255,255,255,.25);
  display:grid; place-items:center; color:var(--muted);
  background:
    conic-gradient(from 180deg at 50% 50%, rgba(255,255,255,.06), rgba(255,255,255,0) 60%) ,
    radial-gradient(120px 120px at 20% 30%, rgba(255,255,255,.08), transparent 60%);
}


.site-footer{
  margin-top:3rem; padding:1.2rem 1rem; text-align:center;
  color:var(--muted); border-top:1px solid rgba(255,255,255,.08)
}
.site-footer .social{
  display:flex; gap:1rem; justify-content:center; margin-top:.5rem
}
.site-footer .social a{
  font-size: 1.4rem;
  color: var(--text);
  transition: color 0.2s ease, transform 0.2s ease;
}
.site-footer .social a:hover{
```

```css
  color: var(--brand);

  transform: scale(1.15);

}

.site-footer a{

  color:var(--text); text-decoration:none

}

.site-footer a:hover{

  text-decoration:underline

}
```

Case Study 2: "EcoTour – Explore Nature"

ecotour.html

```html
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>EcoTour — Sustainable Travel</title>

  <link rel="stylesheet" href="ecotour.css">

  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.4.0/css/all.min.css">

</head>

<body>


<header class="header">

  <div class="logo">🌱 Eco<span>Tour</span></div>

  <nav>
```
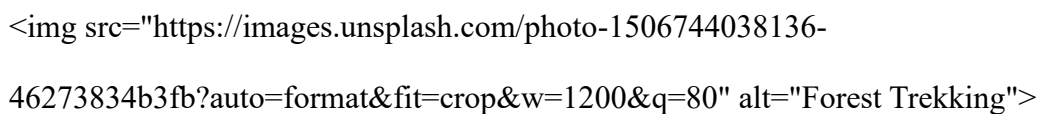
```html
    <a href="#home">Home</a>

    <a href="#destinations">Destinations</a>

    <a href="#contact">Contact</a>

  </nav>

</header>


<section id="home" class="hero">

  <div class="hero-text">

    <h1>Travel Green, Travel Smart</h1>

    <p>Discover eco-friendly destinations and leave only footprints.</p>

    <a href="#destinations" class="btn">Explore</a>

  </div>

</section>


<section id="destinations" class="container">

  <h2>Eco-Friendly Destinations</h2>

  <div class="grid-3">

    <article class="card">

      <img src="https://images.unsplash.com/photo-1506744038136-

      46273834b3fb?auto=format&fit=crop&w=1200&q=80" alt="Forest Trekking">

      <h3>Forest Trekking</h3>

      <p>Immerse yourself in untouched greenery and wildlife conservation zones.</p>

    </article>

    <article class="card">

      <img src="https://images.unsplash.com/photo-1564540583246-

      934409427776?auto=format&fit=crop&w=1200&q=80" alt="Solar-powered Resorts">

      <h3>Solar Resorts</h3>
```

```html
      <p>Stay at accommodations that run entirely on renewable energy.</p>

    </article>

    <article class="card">

      <img src="https://images.unsplash.com/photo-1528892952291-

      009c663ce843?auto=format&fit=crop&w=1200&q=80" alt="Organic Farms">

      <h3>Organic Farms</h3>

      <p>Experience farm-to-table food and participate in sustainable farming.</p>

    </article>

  </div>

</section>


<section id="contact" class="container contact-section">

  <h2>Contact Us</h2>

  <form class="form-card">

    <label for="name">Name*</label>

    <input type="text" id="name" required>


    <label for="email">Email*</label>

    <input type="email" id="email" required>


    <label for="message">Message*</label>

    <textarea id="message" rows="4" required></textarea>


    <button type="submit" class="btn">Send Message</button>

  </form>

</section>
```

```html
<footer class="footer">

  <p>© <span id="year"></span> EcoTour</p>

  <div class="social">

    <a href="https://www.instagram.com" target="_blank"><i class="fab fa-instagram"></i></a>

    <a href="https://twitter.com" target="_blank"><i class="fab fa-twitter"></i></a>

    <a href="https://facebook.com" target="_blank"><i class="fab fa-facebook"></i></a>

  </div>

</footer>


<script>

  document.getElementById("year").textContent = new Date().getFullYear();

</script>


</body>

</html>
```

ecotour.css

```css
:root {

  --bg: #0f2f1f;

  --text: #f0fdf4;

  --muted: #9ae6b4;

  --brand: #22c55e;

  --brand-dark: #15803d;

}


* {

  box-sizing: border-box; margin: 0; padding: 0; scroll-behavior: smooth;
```

```css
    }
    body {
      font-family: Arial, sans-serif; background: var(--bg); color: var(--text); }

    .header {
      display: flex;
      justify-content: space-between;
      align-items: center;
      padding: 1rem 2rem;
      background: rgba(0,0,0,0.6);
      position: sticky; top: 0;
      z-index: 10;
    }
    .logo { font-weight: bold; font-size: 1.5rem; }
    .logo span { color: var(--brand); }
    nav a {
      color: var(--muted);
      margin-left: 1rem;
      text-decoration: none;
      font-weight: bold;
    }
    nav a:hover { color: white; }

    .hero {
      height: 70vh;
      background: linear-gradient(rgba(0,0,0,0.5), rgba(0,0,0,0.5)),
                  url('https://images.unsplash.com/photo-1501785888041-
```

```css
af3ef285b470?auto=format&fit=crop&w=1920&q=80') center/cover;

        display: flex; justify-content: center; align-items: center; text-align: center;

        padding: 2rem;
}
.hero-text h1 {
  font-size: 2.8rem; margin-bottom: 1rem;
}
.hero-text p {
  margin-bottom: 1.5rem; font-size: 1.1rem;
}
.btn {
  background: var(--brand);

  color: black;

  padding: 0.7rem 1.2rem;

  border-radius: 0.5rem;

  text-decoration: none;

  font-weight: bold;

  transition: background 0.3s ease;
}
.btn:hover {
  background: var(--brand-dark);
}


.container {
  padding: 3rem 2rem; max-width: 1100px; margin: auto;
}
h2 {
```

```css
    text-align: center; margin-bottom: 2rem;
}
.grid-3 {
  display: grid; grid-template-columns: repeat(3,1fr); gap: 1.5rem;
}
.card {
  background: rgba(255,255,255,0.05);
  border-radius: 0.8rem;
  padding: 1rem;
  text-align: center;
  transition: transform 0.3s ease;
}
.card:hover { transform: translateY(-5px); }
.card img { width: 100%; border-radius: 0.8rem; height: 200px; object-fit: cover; }
.card h3 { margin: 1rem 0; }

.center-text {
  text-align: center;
}
.contact-section {
  background: rgba(0,0,0,0.3);
  border-radius: 0.8rem;
  padding: 2rem;
}
.form-card {
  display: flex;
  flex-direction: column;
```

```css
  gap: 0.7rem;

  max-width: 500px;

  margin: auto;

}

.form-card input, .form-card textarea {

  padding: 0.7rem;

  border: none;

  border-radius: 0.5rem;

}

.form-card button {

  border: none; cursor: pointer;

}


.footer {

  text-align: center; padding: 1.5rem; background: rgba(0,0,0,0.6); margin-top: 2rem;

}

.social a {

  color: var(--text); margin: 0 0.5rem; font-size: 1.3rem; transition: color 0.2s;

}

.social a:hover {

  color: var(--brand);

}


@media (max-width: 768px) {

  .grid-3 { grid-template-columns: 1fr; }

  .hero-text h1 { font-size: 2rem; }

}
```