Our team of helpers will take the stress out of creating an unforgettable experience for your little one. We’re here to help you organize all the fun and fuel for a birthday to remember.

We offer a mix of activities to suit the enthusiasm of both birthday girls and boys, as well as their energetic guests. From crafting, disco, and games to face painting, sports, or even magic lessons — there's something for everyone!

We are collaborating with local businesses to source snacks, light meals, and *THE CAKE*, if required. Even more, we’ll take care of decorations, balloons, and confetti to bring the party atmosphere to life.

We are collaborating with local businesses to source snacks, light meals, and *THE CAKE*, if required. Even more, we’ll take care of decorations, balloons, and confetti to bring the party atmosphere to life.

Our thoughtfully prepared party bags come in a range of options to suit every budget. And when the fun is over, we’ll make sure to leave the venue as clean and tidy as it was before the celebration began.

**Color Palette & Accessibility Update**

This document describes the CSS color palette for the Cake, Confetti & Fun website, the accessibility-driven adjustments, and the testing process I undertook across all pages.

**Default Color Palette**

The base colors are defined in assets/css/styles.css under the :root selector:

:root {

/\* Primary and accent colors \*/

--blue-primary: #02ACCE;

--blue-accent: #28ADCE;

--yellow: #FDCB3B;

--orange: #FA8B46;

/\* Background and text colors \*/

--cream: #FDE7A9;

--text: #1A1A1A;

}

These pastel and playful hues reflect the brand identity but initially fell short of WCAG 2.1 AA contrast requirements.

**Accessibility-Driven Adjustments**

Based on WAVE reports (e.g. Services page: <https://wave.webaim.org/report#/https://alexandraselby.github.io/cake-confetti-and-fun/services.html>), I refined the palette:

:root {

/\* Primary and accent colors \*/

--blue-primary: #007b7b; /\* replaced #02ACCE for higher contrast \*/

--blue-accent: #005f5f; /\* deepened for clearer links and hover states \*/

--yellow: #faf190c3; /\* added transparency for better legibility \*/

--orange: #c0392b; /\* intensified red to meet contrast requirements \*/

/\* Background and text colors \*/

--cream: #f8f7f5; /\* softened background color \*/

--text: #ffffff; /\* switched to white on colored backgrounds \*/

}

* **Primary buttons and navbar** now use #007b7b, achieving a contrast ratio of at least 4.5:1.
* **Links and hover states** use #005f5f for clear distinction from the background.
* **Accent highlights** employ a semi-transparent yellow (#faf190c3) for visibility on varied backgrounds.
* **Error states** (#c0392b) stand out sharply against the cream background.
* **Text** on colored sections is pure white for maximum readability.

**🧪 Testing Process**

I conducted comprehensive testing across all code, pages, and features:

1. **HTML5 Validation**  
   Ran each page (index.html, about.html, services.html, contact.html) through the W3C Validator (e.g. Contact page: <https://validator.w3.org/nu/?doc=https://alexandraselby.github.io/cake-confetti-and-fun/contact>), corrected every error (missing alt, malformed links), and confirmed fixes via commits (Apr 23–May 6).
2. **CSS Validation & Linting**  
   Validated assets/css/styles.css with the Jigsaw CSS Validator ([https://jigsaw.w3.org/css-validator/)—zero](https://jigsaw.w3.org/css-validator/)%E2%80%94zero) errors—and used Chrome DevTools’ Coverage tool to remove unused rules.
3. **Accessibility Audits**  
   Scanned each page with WAVE (e.g. Services: <https://wave.webaim.org/report#/https://alexandraselby.github.io/cake-confetti-and-fun/services.html>), addressed contrast failures by updating variables, and verified alt text, ARIA attributes, and keyboard focus outlines.
4. **Color Palette Validation**  
   Re-tested all updated CSS variables with WAVE and Lighthouse contrast audits to ensure every text and interactive element meets or exceeds WCAG AA 4.5:1.
5. **Cross-Browser & Responsive Testing**  
   Verified in Chrome, Firefox, Safari, and Edge; used DevTools breakpoints (320px, 480px, 768px, 1024px) and real devices:
   * Acer laptop (13")
   * 27" desktop monitor
   * iPhone 13 Pro
   * Pixel 8 Pro
   * Lenovo Tab 7
6. **Functional Testing**  
   Manually checked navigation links, buttons, and form behavior (HTML5 validation, reportValidity(), success message display, hero video playback/fallback).
7. **Manual Feature & Bug Fixes**  
   Reviewed each implemented feature and resolved layout/interaction issues (e.g. fixing the footer to stick to the bottom, aligning cards properly, ensuring reliable navbar collapse).
8. **Performance & Lighthouse Audits**  
   Ran Lighthouse for each page, achieving Performance 85+, Accessibility 90+, Best Practices 95+, SEO 90+. Identified large media files and plan to optimize images/videos in future projects.

Throughout this process, I learned how crucial truly accessible color choices and media optimization are—a lesson that will guide my next projects.

**Applying the Changes**

1. Open assets/css/styles.css.
2. Replace the existing :root block with the adjusted variables above.
3. Save, refresh, and re-run your accessibility tests.

Your palette is now brand-consistent and WCAG AA compliant.