#### Calendar Carousel

### Overview

**Calendar Carousel** is a modern, visually appealing, and interactive calendar widget implemented using HTML, CSS, and JavaScript. It allows users to browse through months in a carousel-like interface, highlighting the current day and Portuguese public holidays.

This component is designed for web developers looking to include a rich and educational calendar tool in their web applications.

## Live Preview (optional)

You can integrate this component in your HTML file and it will work out-of-the-box. A live preview can be hosted with GitHub Pages or any local server.

### Features

- Month Carousel: Smooth transition between previous, current, and next months.
- † Today Highlight: Visually distinguishes the current date.
- Portuguese Holidays: Auto-generated holidays, including Easter-based ones.
- Tooltips: On-hover tooltips for holiday names.
- Responsive Design: Mobile-first and fully adaptable to screen sizes.
- Accessible: ARIA labels and keyboard-friendly design.

# Project Structure

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├— styles.css # Style definitions and layout

└─ calendar.js # JS logic for dynamic calendar and holiday generation

# **III** Holidays Supported

Date	Name
YYYY-01-01	Ano Novo
Variable	Sexta-feira Santa
Variable	Domingo de Páscoa
YYYY-04-25	25 de Abril
YYYY-05-01	Dia do Trabalhador
Variable	Corpo de Deus
YYYY-06-10	Dia de Portugal
YYYY-08-15	Assunção de Nossa Senhora
YYYY-10-05	Implantação da República
YYYY-11-01	Dia de Todos os Santos
YYYY-12-01	Restauração da Independência
YYYY-12-08	Imaculada Conceição
YYYY-12-25	Natal

# Getting Started

- 1. Clone or download the project files.
- 2. Open index.html in a browser.
- 3. Interact with the calendar: hover for tooltips, use arrows to navigate months.

## Technologies Used

- HTML5 / CSS3 (Flexbox + Grid)
- Vanilla JavaScript
- Date and time manipulation
- Responsive Web Design principles

### Future Enhancements

- Keyboard navigation
- Theme switching (dark/light)
- Support for multiple countries' holidays
- Add event marking per user input

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