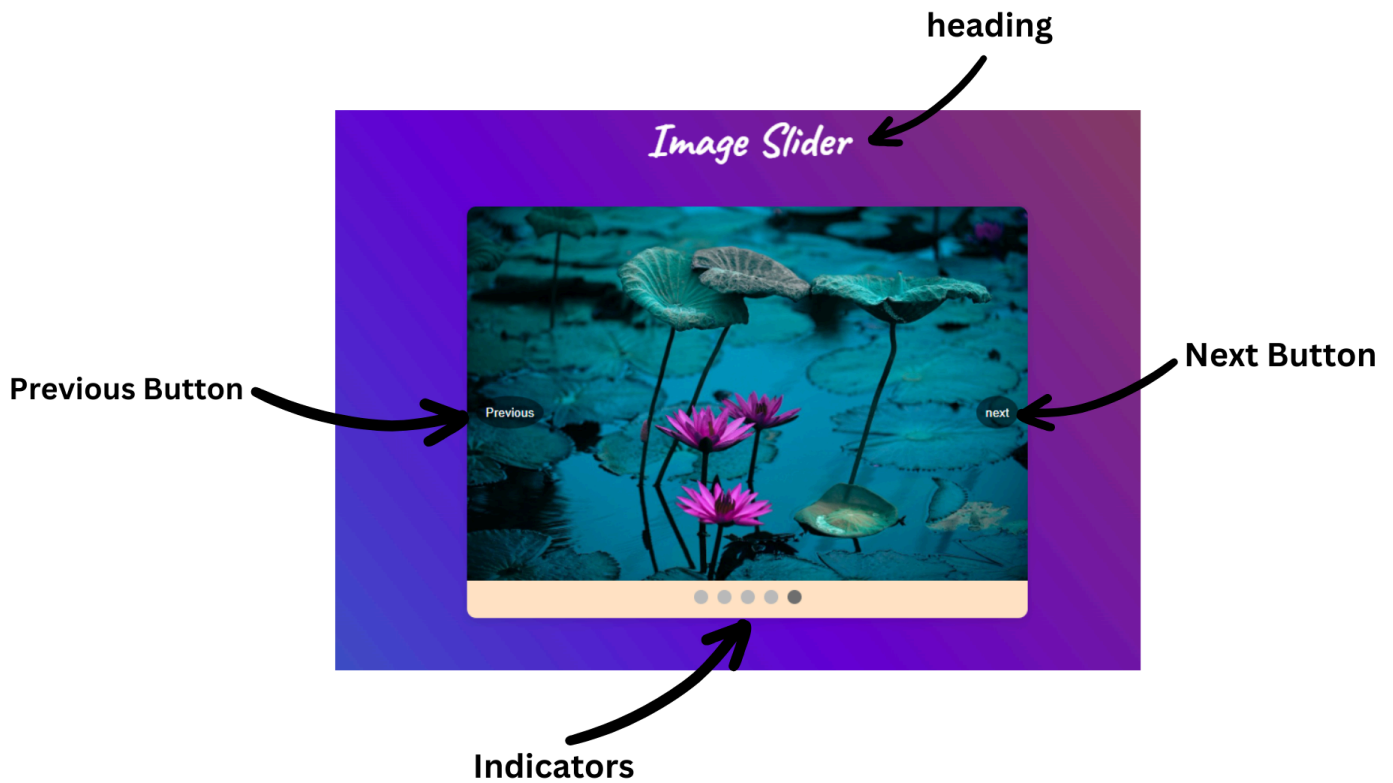## What is an Image Slider?

An image slider, also known as a carousel, is a web component that allows users to view a series of images by sliding or scrolling through them, usually one at a time. It's a visually appealing way to showcase images, often used for portfolios, product displays, or galleries.

Features of This Image Slider

1. **Automatic Slideshow: The images automatically change after a few seconds without any user interaction. This keeps the content dynamic and engaging.**
2. **Navigation Arrows: Users can manually navigate through the images using left and right arrows. This allows them to move forward or backward through the images at their own pace.**
3. **Indicators: Small dots at the bottom of the slider show which image is currently being displayed. Clicking on a dot takes the user directly to the corresponding image.**

How It Works (Non-Tech Explanation)

- **Image Display: The slider showcases a collection of images one by one. Each image takes up the entire slider area, making it easy to see.**
- **Automatic Transition: After a set amount of time, the slider automatically moves to the next image. This cycle continues indefinitely, so the images keep changing.**
- **Manual Control: If a user wants to see the previous or next image, they can click on the left or right arrow buttons located on the sides of the slider. This gives them control over what they see and when.**
- **Position Indicators: Below the images, there are small circles (dots) that indicate which image is currently being shown. These dots help users know their position in the image sequence. Clicking on any dot will directly show the corresponding image.**

Benefits of Using an Image Slider

- **User Engagement: Keeps the users engaged with constantly changing visuals.**
- **Space Efficiency: Allows multiple images to be showcased in a small area, without the need for scrolling down a long page.**
- **Visual Appeal: Adds a dynamic and interactive element to the website, making it more visually attractive.**

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