

# ■ Lightbox Image Viewer – Important Points Documentation

## 1. Image Selection

- `document.querySelectorAll('.imgContainer .image img')`  
Selects all images inside `.imgContainer .image`.
  - `images.forEach((img, index) => { ... })`  
Loops over each image and assigns a click event.
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## 2. Overlay Creation

- On image click:
    - Create a `<div>` element (`overLay`) that covers the full screen (`100vh x 100vw`).
    - Set background to semi-transparent black: `rgba(0, 0, 0, 0.8)`.
    - Position fixed at top-left corner with high `z-index`.
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## 3. Main Large Image

- Create an `<img>` (`bigImg`) with:
    - `width: 80%, height: 90%`
    - Centered using `margin: auto` and `display: block`
    - Rounded corners with `border-radius: 10px`
  - Initially set its `src` to the clicked image's `src`.
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## 4. Image Counter

- Create a `<div>` (`countImg`) to show **current image number / total images**.
  - Positioned at bottom center of overlay.
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## 5. Navigation Buttons

### Forward (Next) Button

- Moves to `(currentImageIndex + 1) % totalImages`

- Updates big image and counter.
- Positioned on the **right center** of the screen.

### Backward (Prev) Button

- Moves to `(currentImageIndex - 1 + totalImages) % totalImages`
  - Updates big image and counter.
  - Positioned on the **left center** of the screen.
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### 6. Close Button

- Positioned at **top right**.
  - Removes the overlay when clicked.
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### 7. Smooth Functionality

- Wraps around images (infinite loop navigation).
- No page reloads needed.
- Fully dynamic—works with any number of images.