



# Frontender[1.0] JavaScript - Simple Image Slider. Адаптивный слайдер





 YouTube	<a href="https://youtu.be/lg6vdl__h8c">https://youtu.be/lg6vdl__h8c</a>
 Telegram	<a href="https://t.me/Dmitry_Kolotilshikov">https://t.me/Dmitry_Kolotilshikov</a>
 Github	<a href="https://github.com/DmitryKolotilshikov/">https://github.com/DmitryKolotilshikov/</a>
 Boosty	<a href="https://boosty.to/dmitry_ko">https://boosty.to/dmitry_ko</a>
# Номер урока	46



Image slider (mobile friendly)

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link rel="stylesheet" href="styles.css">
  <script src="script.js" defer></script>
  <title>Image slider</title>
</head>

<body>
  <div class="slider-container">
    <div class="slider" data-slider></div>
    <button class="prev" data-btn-prev><</button>
    <button class="next" data-btn-next>>>/button>
  </div>
</body>

</html>
```

```
* {
  box-sizing: border-box;
}

body {
  margin: 0;
```

```

    min-height: 100vh;
    background-image: linear-gradient(180deg, #B3C8CF 0%, #89A8B2 100%);
    display: flex;
    justify-content: center;
    align-items: center;
}

.slider-container {
    position: relative;
    width: 800px;
    margin: 0 15px;
    overflow: hidden;
}

.slider {
    display: flex;
}

.image {
    min-width: 100%;
    object-fit: cover;
}

button {
    position: absolute;
    top: 50%;
    translate: 0 -50%;
    background-color: rgba(0, 0, 0, 0.5);
    color: #fff;
    border: none;
    font-size: 30px;
    padding: 10px;
    z-index: 10;
    cursor: pointer;
}

.prev {
    left: 10px;
}

.next {
    right: 10px;
}

```

```

const images = [
    "https://placeholder.co/800x400?text=Slice+1",
    "https://placeholder.co/800x400?text=Slice+2",
    "https://placeholder.co/800x400?text=Slice+3",
    "https://placeholder.co/800x400?text=Slice+4",
    "https://placeholder.co/800x400?text=Slice+5",
];

const slider = document.querySelector("[data-slider]");
const prevBtn = document.querySelector("[data-btn-prev]");
const nextBtn = document.querySelector("[data-btn-next]");

let currentIndex = 0;
const ANIMATION_TIME = 0.5;

```

```

const setupSlides = () => {
  images.forEach((imageUrl, index) => {
    const img = document.createElement("img");
    img.classList.add('image')
    img.src = imageUrl;
    img.dataset.index = index;
    img.alt = `slide ${index + 1}`;

    slider.appendChild(img);
  })

  const firstClone = slider.firstElementChild.cloneNode(true);
  const lastClone = slider.lastElementChild.cloneNode(true);

  slider.appendChild(firstClone);
  slider.insertBefore(lastClone, slider.firstChild);
}

const initSlider = () => {
  const slideWidth = slider.firstElementChild.offsetWidth;
  slider.style.transition = `none`;
  slider.style.translate = `-${slideWidth * (currentIndex + 1)}px`;
}

const goToPrevSlide = () => {
  const slideWidth = slider.firstElementChild.offsetWidth;

  currentIndex--;
  slider.style.transition = `translate ${ANIMATION_TIME}s ease-in-out`;
  slider.style.translate = `-${slideWidth * (currentIndex + 1)}px`;

  slider.addEventListener(
    "transitionend",
    () => {
      if (currentIndex < 0) {
        currentIndex = images.length - 1;
        slider.style.transition = "none";
        slider.style.translate = `-${slideWidth * (currentIndex + 1)}px`;
      }
    },
    { once: true }
  )
}

const goToNextSlide = () => {
  const slideWidth = slider.firstElementChild.offsetWidth;

  currentIndex++;
  slider.style.transition = `translate ${ANIMATION_TIME}s ease-in-out`;
  slider.style.translate = `-${slideWidth * (currentIndex + 1)}px`;

  if (currentIndex >= images.length) {
    nextBtn.disabled = true;
  }

  slider.addEventListener(
    "transitionend",

```

```

        () => {
            if (currentIndex >= images.length) {
                currentIndex = 0;
                slider.style.transition = "none";
                slider.style.translate = `-${slideWidth * (currentIndex + 1)}px`;
                nextBtn.disabled = false;
            }
        },
        { once: true }
    )
}

prevBtn.addEventListener("click", goToPrevSlide);
nextBtn.addEventListener("click", goToNextSlide);

setupSlides();
initSlider();

window.addEventListener("resize", initSlider);

```