

Image animation



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# HTML 基本結構

```
<body>
  <div class="container">
    <div class="gallery">
      <div class="photo"></div>
      <div class="photo"></div>
      <div class="photo"></div>
      <div class="photo"></div>
      <div class="photo"></div>
    </div>
  </div>


```

# CSS

```
* {  
  box-sizing: border-box;  
  margin: 0;  
  padding: 0;  
}  
  
div.container {  
  width: 100vw;  
  height: 100vh;  
  background-color:  rgba(255, 182, 193, 0.5);  
  
  display: flex;  
  justify-content: center;  
  align-items: center;  
}
```

# CSS

```
.gallery {  
  width: 70%;  
  height: 50%;  
  
  display: flex;  
  justify-content: center;  
  align-items: center;  
}
```


```
.photo {  
  position: relative;  
  width: 10%;  
  height: 100%;  
  border-radius: 20px;  
  background-color:  gray;  
  background-size: cover;  
  background-position: center;  
  opacity: 0.5;  
  transition: width 1s, opacity 2s, bottom 2s;  
}
```


# CSS

```
.photo:nth-child(1) {  
  background-image: url('./assets/nana01.jpg');  
}  
  
.photo:nth-child(2) {  
  background-image: url('./assets/nana02.jpg');  
}  
  
.photo:nth-child(3) {  
  background-image: url('./assets/nana03.jpg');  
}  
  
.photo:nth-child(4) {  
  background-image: url('./assets/nana04.jpg');  
}  
  
.photo:nth-child(5) {  
  background-image: url('./assets/nana05.jpg');  
}
```

```
.photo:hover {  
  cursor: pointer;  
  opacity: 1;  
  width: 30%;  
  bottom: 5%;  
}
```

# CSS

```
.modal {  
  position: fixed;  
  z-index: 9999;  
  left: 0;  
  top: 0;  
  width: 100vw;  
  height: 100vh;  
  background-color:  rgba(0, 0, 0, 0.5);  
  display: none;  
  /* display: flex; */  
  justify-content: center;  
  align-items: center;  
}
```

```
.modal_body {  
  width: 30%;  
  height: 80%;  
  background-color:  gray;  
  background-size: cover;  
  background-position: center;  
  opacity: 0.2;  
  transition: opacity 2s;  
}  
  
.fade {  
  opacity: 1;  
}
```



# JavaScript

```
<script>
  const photos = document.getElementsByClassName('photo');
  const modal = document.getElementById('modal');
  const modalBody = document.getElementById('modal_body');
  for (let element of photos) {
    element.addEventListener('click', function () {
      modal.style.display = 'flex';
      modalBody.style.backgroundImage = window.getComputedStyle(this).backgroundImage;
      modalBody.classList.toggle('fade');
    })
  }
  window.addEventListener('click', function (e) {
    console.log(e.target);
    if (e.target == modal) {
      modal.style.display = 'none';
      modalBody.classList.toggle('fade');
    }
  })
</script>
```