<label class="theme-switch">

<input type="checkbox" id="themeToggle" />

<span class="slider">

<span class="icon sun">🌞</span>

<span class="icon moon">🌙</span>

</span>

</label>

/\* Switch container \*/

.theme-switch {

position: relative;

display: inline-block;

width: 60px;

height: 30px;

}

.theme-switch input {

opacity: 0;

width: 0;

height: 0;

}

/\* Slider background \*/

.slider {

position: absolute;

cursor: pointer;

top: 0; left: 0; right: 0; bottom: 0;

background-color: #ccc;

border-radius: 30px;

transition: 0.4s;

}

/\* Circle toggle \*/

.slider::before {

position: absolute;

content: "";

height: 26px; width: 26px;

left: 2px; bottom: 2px;

background-color: white;

border-radius: 50%;

transition: 0.4s;

}

/\* Sun & Moon icons \*/

.icon {

position: absolute;

top: 50%;

transform: translateY(-50%);

font-size: 14px;

pointer-events: none;

}

.icon.sun {

left: 8px;

color: #f1c40f;

}

.icon.moon {

right: 8px;

color: #34495e;

}

/\* Move toggle when checked \*/

.theme-switch input:checked + .slider::before {

transform: translateX(30px);

}

/\* Optional: Change background color when checked \*/

.theme-switch input:checked + .slider {

background-color: #666;

}

const toggle = document.getElementById('themeToggle');

toggle.addEventListener('change', () => {

document.body.classList.toggle('dark-mode', toggle.checked);

});

<!-- Theme Toggle Switch -->

<label class="theme-switch">

<input type="checkbox" id="themeToggle" />

<span class="slider"></span>

</label>

/\* Define CSS variables for light mode \*/

:root {

--bg-color: #ffffff;

--text-color: #000000;

}

/\* Dark mode overrides \*/

body.dark-mode {

--bg-color: #121212;

--text-color: #f0f0f0;

}

/\* Apply colors \*/

body {

background: var(--bg-color);

color: var(--text-color);

transition: background 0.3s ease, color 0.3s ease;

}

/\* Toggle switch style \*/

.theme-switch {

position: fixed;

top: 1rem;

right: 1rem;

display: inline-block;

width: 50px;

height: 24px;

}

.theme-switch input {

display: none;

}

.slider {

position: absolute;

cursor: pointer;

background-color: #ccc;

border-radius: 34px;

top: 0; left: 0;

right: 0; bottom: 0;

transition: 0.4s;

}

.slider:before {

position: absolute;

content: "";

height: 20px; width: 20px;

left: 2px; bottom: 2px;

background-color: white;

border-radius: 50%;

transition: 0.4s;

}

input:checked + .slider {

background-color: #2196F3;

}

input:checked + .slider:before {

transform: translateX(26px);

}

<script>

const toggle = document.getElementById('themeToggle');

// Load saved theme

if (localStorage.getItem('theme') === 'dark') {

document.body.classList.add('dark-mode');

toggle.checked = true;

}

toggle.addEventListener('change', () => {

if (toggle.checked) {

document.body.classList.add('dark-mode');

localStorage.setItem('theme', 'dark');

} else {

document.body.classList.remove('dark-mode');

localStorage.setItem('theme', 'light');

}

});

</script>