<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Learn Colors</title>

    <link href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css" rel="stylesheet">

    <style>

        body {

            font-family: Arial, sans-serif;

            text-align: center;

            background: linear-gradient(to right, #e0f7fa, #ffe0b2);

            margin: 0;

            padding: 20px;

            animation: fadeIn 1s; /\* Animation for fade-in effect \*/

        }

        @keyframes fadeIn {

            from { opacity: 0; }

            to { opacity: 1; }

        }

        .color-box {

            width: 100px;

            height: 100px;

            margin: 10px auto;

            border: 2px solid #000;

            transition: transform 0.3s, box-shadow 0.3s;

            cursor: pointer;

        }

        .color-box:hover {

            transform: scale(1.1);

            box-shadow: 0 0 15px rgba(0, 0, 0, 0.5);

        }

        .navigation {

            margin-top: 20px;

        }

        .nav-button {

            margin: 5px;

            padding: 10px 15px;

            border: none;

            border-radius: 5px;

            background-color: #009688;

            color: white;

            cursor: pointer;

            transition: background-color 0.3s, transform 0.3s;

        }

        .nav-button:hover {

            background-color: #00796b;

            transform: translateY(-2px);

        }

        .large-color-box {

            width: 200px;

            height: 200px;

            margin: 20px auto;

            border: 4px solid #000;

            display: none; /\* Initially hidden \*/

            transition: background-color 0.3s ease;

        }

        .card {

            background: white;

            border-radius: 10px;

            padding: 15px;

            box-shadow: 0 2px 10px rgba(0, 0, 0, 0.1);

            margin: 20px 0;

            transition: transform 0.3s;

        }

        .card:hover {

            transform: translateY(-5px);

        }

    </style>

</head>

<body>

<h1>Learn Colors!</h1>

<div class="large-color-box" id="largeColorBox" aria-live="polite"></div>

<div>

    <h2>Colors and Their Meanings</h2>

    <div class="card">

        <div class="color-box" style="background-color: red;" onclick="showColor('red', 'The color of apples and fire.')"></div>

        <p><strong>Red</strong>: The color of apples and fire.</p>

    </div>

    <div class="card">

        <div class="color-box" style="background-color: green;" onclick="showColor('green', 'The color of grass and leaves.')"></div>

        <p><strong>Green</strong>: The color of grass and leaves.</p>

    </div>

    <div class="card">

        <div class="color-box" style="background-color: blue;" onclick="showColor('blue', 'The color of the sky and the ocean.')"></div>

        <p><strong>Blue</strong>: The color of the sky and the ocean.</p>

    </div>

    <div class="card">

        <div class="color-box" style="background-color: yellow;" onclick="showColor('yellow', 'The color of the sun and bananas.')"></div>

        <p><strong>Yellow</strong>: The color of the sun and bananas.</p>

    </div>

    <div class="card">

        <div class="color-box" style="background-color: orange;" onclick="showColor('orange', 'The color of carrots and oranges.')"></div>

        <p><strong>Orange</strong>: The color of carrots and oranges.</p>

    </div>

</div>

<div class="navigation">

    <button class="nav-button" onclick="location.href='1.html'">Home</button>

    <button class="nav-button" onclick="location.href='colortest.html'">Take Test</button>

</div>

<!-- Sound effect -->

<audio id="colorSound" src="https://www.soundjay.com/button/beep-07.wav"></audio>

<script>

    function showColor(color, meaning) {

        // Play sound

        document.getElementById('colorSound').play();

        // Show large color box

        const largeColorBox = document.getElementById('largeColorBox');

        largeColorBox.style.backgroundColor = color;

        largeColorBox.innerHTML = `<strong>${color.charAt(0).toUpperCase() + color.slice(1)}</strong>: ${meaning}`;

        largeColorBox.style.display = 'block';

    }

</script>

</body>

</html>