```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Responsive Navigation Bar</title>
    <style>
        body {
            margin: 0;
            font-family: Arial, sans-serif;
        }

        /* Navigation bar styles */
        .navbar {
            display: flex;
            justify-content: space-around;
            align-items: center;
            position: sticky;
            top: 0;
            background-color: #333;
            padding: 10px 0;
            z-index: 1000;
        }

        .navbar a {
            color: white;
            text-decoration: none;
            padding: 10px 20px;
            transition: background-color 0.3s;
        }

        .navbar a:hover {
            background-color: #575757;
        }
```

```html
36          /* Responsive design */
37          @media (max-width: 600px) {
38              .navbar {
39                  flex-direction: column;
40              }
41
42              .navbar a {
43                  padding: 10px;
44                  text-align: center;
45                  width: 100%;
46              }
47          }
48      </style>
49  </head>
50  <body>
51      <div class="navbar">
52          <a href="#home">Home</a>
53          <a href="#about">About</a>
54          <a href="#services">Services</a>
55          <a href="#contact">Contact</a>
56      </div>
57
58      <div style="height: 2000px; padding: 20px;">
59          <h1>Welcome to My Page</h1>
60          <p>Scroll down to see the sticky navigation bar in action!</p>
61      </div>
62  </body>
63  </html>
64
```

# Welcome to My Page

Scroll down to see the sticky navigation bar in action!