

# HOW TO - Off-Canvas Menu

- description : How TO - Off-Canvas Menu
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## Ref

How TO - Off-Canvas Mnu

## Create an Off-Canvas Menu

Step 1) Add HTML

```
<div id="mySidenav" class="sidenav">
    <a href="javascript:void(0)" class="closebtn"
onclick="closeNav()">&times;</a>
    <a href="#">About</a>
    <a href="#">Services</a>
    <a href="#">Clients</a>
    <a href="#">Contact</a>
</div>
<div id="main">
    <h2>Sidenav Push Example</h2>
    <p>Click on the element below to open the side navigation menu, and
push this content to the right.</p>
    <span style="font-size:30px;cursor:pointer"
onclick="openNav()">&#9776; open</span>
</div>
```

Step 2) Add CSS

```
<style>
    body {font-family: "Lato", sans-serif;}
    /* The side navigation menu */
```

```
.sidenav {
    height: 100%;           /* 100% Full-height */
    width: 0;                /* 0 width - change this with JavaScript */
    position: fixed;         /* Stay in place */
    z-index: 1;               /* Stay on top */
    top: 0;
    left: 0;
    background-color: #111;   /* Black */
    overflow-x: hidden;       /* Disable horizontal scroll */
    transition: 0.5s;          /* Place content 60px from the top */
    padding-top: 60px;        /* 0.5 second transition effect to slide
in the side nav */
}
/* The navigation menu links */
.sidenav a {
    padding: 8px 8px 8px 32px;
    text-decoration: none;
    font-size: 25px;
    color: #818181;
    display: block;
    transition: 0.3s;
}
/* When you mouse over the navigation links, change their color */
.sidenav a:hover {color: #f1f1f1;}
/* Position and style the close button (top right corner) */
.sidenav .closebtn {
    position: absolute;
    top: 0;
    right: 25px;
    font-size: 36px;
    margin-left: 50px;
}
/* Style page content - use this if you want to push the page
content to the right when you open the side navigation */
#main {transition: margin-left .5s; padding: 16px;}
/* On smaller screens, where height is less than 450px,
change the style of the sidenav (less padding and a smaller font
size) */
@media screen and (max-height: 450px) {
    .sidenav {padding-top: 15px;}
    .sidenav a {font-size: 18px;}
}
</style>
```

### StEP 3) Add JavaScript

## Off-Canvas Menu

```
<style>
    /* Set the width of the side navigation to 250px and the left margin
    of the page content to 250px */
    function openNav() {
        document.getElementById("mySidenav").style.width = "250px";
        document.getElementById("main").style.marginLeft = "250px";
    }
    /* Set the width of the side navigation to 0 and the left margin of
    the page content to 0 */
    function closeNav() {
        document.getElementById("mySidenav").style.width = "0";
        document.getElementById("main").style.marginLeft = "0";
    }
<style>
```

40% (opacity) 가 “  
 (highlight)” .

## Off-Canvas Menu w/ opacity

```
<!DOCTYPE html>
<html>

<head>
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <style>
        body {font-family: "Lato", sans-serif;}
        /* The side navigation menu */
        .sidenav {
            height: 100%;
            /* 100% Full-height */
            width: 0;
            /* 0 width - change this with JavaScript */
            position: fixed;
            /* Stay in place */
            z-index: 1;
            /* Stay on top */
            top: 0;
            left: 0;
            background-color: #111;
            /* Black */
            overflow-x: hidden;
            /* Disable horizontal scroll */
            transition: 0.5s;
            /* Place content 60px from the top */
            padding-top: 60px;
```

```
/* 0.5 second transition effect to slide in the side nav */
}

/* The navigation menu links */
.sidenav a {
    padding: 8px 8px 8px 32px;
    text-decoration: none;
    font-size: 25px;
    color: #818181;
    display: block;
    transition: 0.3s;
}

/* When you mouse over the navigation links, change their color */
.sidenav a:hover {color: #f1f1f1; }

/* Position and style the close button (top right corner) */
.sidenav .closebtn {
    position: absolute;
    top: 0;
    right: 25px;
    font-size: 36px;
    margin-left: 50px;
}

/* Style page content - use this if you want to push the page content to the right when you open the side navigation */
#main {
    transition: margin-left .5s; padding: 16px;
}

/* On smaller screens, where height is less than 450px, change the style of the sidenav (less padding and a smaller font size) */
@media screen and (max-height: 450px) {
    .sidenav {padding-top: 15px; }
    .sidenav a {font-size: 18px; }
}

</style>
</head>
<body>
    <div id="mySidenav" class="sidenav">
        <a href="javascript:void(0)" class="closebtn" onclick="closeNav()">&times;</a>
        <a href="#">About</a>
        <a href="#">Services</a>
        <a href="#">Clients</a>
        <a href="#">Contact</a>
    </div>
    <div id="main">
        <h2>Sidenav Push Example</h2>
        <p>
            Click on the element below to open the side navigation menu, and push this content to the right. <br>
        </p>
    </div>
</body>
```

Notice that we add a **black** see-through background-color to body when the sidenav is opened.

```
</p>
<span style="font-size:30px;cursor:pointer"
onclick="openNav()">&#9776; open</span>
</div>
<script>
/* Set the width of the side navagation to 250px and the left margin
of the page content to 250px */
function openNav() {
    document.getElementById("mySidenav").style.width = "250px";
    document.getElementById("main").style.marginLeft = "250px";
    document.body.style.backgroundColor = "rgba(0, 0, 0, 0.4)";
}
/* Set the width of the side navagation to 0 and the left margin of
the page content to 0 */
function closeNav() {
    document.getElementById("mySidenav").style.width = "0";
    document.getElementById("main").style.marginLeft = "0";
    document.body.style.backgroundColor = "white";
}
</script>
</body>
</html>
```

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