

Buttons

Introduction

- The jQuery Mobile library supports a broad range of buttons we can add to our mobile web pages.

Link as Button

- We can easily turn each and every link into a button by adding the `data-role="button"` attribute into it.

```
<a href="home.html" data-role="button">home</a>
```

Link as Button

```
<!DOCTYPE html>

<head>
<title>Page Title</title>
  <link rel="stylesheet" href=
    "http://code.jquery.com/mobile/1.3.1/jquery.mobile-1.3.1.min.css" />
  <script src="http://code.jquery.com/jquery-1.9.1.min.js"></script>
  <script src=
    "http://code.jquery.com/mobile/1.3.1/jquery.mobile-1.3.1.min.js">
  </script>
</head>
```



Link as Button

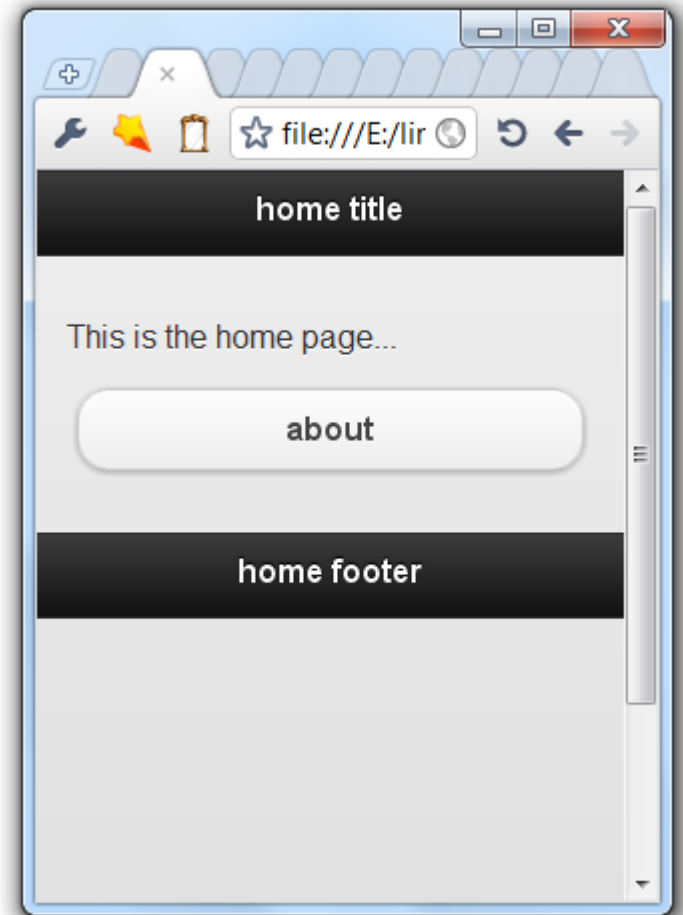
```
<body>

  <div data-role="page" id="home">
    <div data-role="header">
      <h1>home title</h1>
    </div>
    <div data-role="content">
      <p>This is the home page...</p>
      <p><a href="#about" data-transition="pop"
        data-rel="dialog" data-role="button">about dialog</a></p>
    </div>
    <div data-role="footer">
      <h4>home footer</h4>
    </div>
  </div>
```

Link as Button

```
<div data-role="page" id="about">
  <div data-role="header">
    <h1>about title</h1>
  </div>
  <div data-role="content">
    <p>This is the about page...</p>
  </div>
  <div data-role="footer">
    <h4>about footer</h4>
  </div>
</div>

</body>
```



Form Buttons

- When using the button HTML element or the input HTML element with the attribute type assigned with "submit", "reset", "image" or "button", the jQuery Mobile automatically create a custom styled link based button.
- In those cases there is no need to add the `data-role="button"` attribute.

Button Icons

- We can easily add an icon to our button by using the `data-icon` attribute.

```
<a href="delete.html" data-role="button" data-icon="delete">erase</a>
```

- The available icons include the following: `delete`, `arrow-l`, `arrow-r`, `arrow-u`, `arrow-d`, `plus`, `minus`, `check`, `gear`, `refresh`, `forward`, `back`, `grid`, `star`, `alert`, `info`, `home` **and** `search`.,

Button Icons

```
<!DOCTYPE html>

<head>
<title>Page Title</title>
  <link rel="stylesheet" href=
    "http://code.jquery.com/mobile/1.3.1/jquery.mobile-1.3.1.min.css" />
  <script src="http://code.jquery.com/jquery-1.9.1.min.js"></script>
  <script src=
    "http://code.jquery.com/mobile/1.3.1/jquery.mobile-1.3.1.min.js">
  </script>
</head>
```



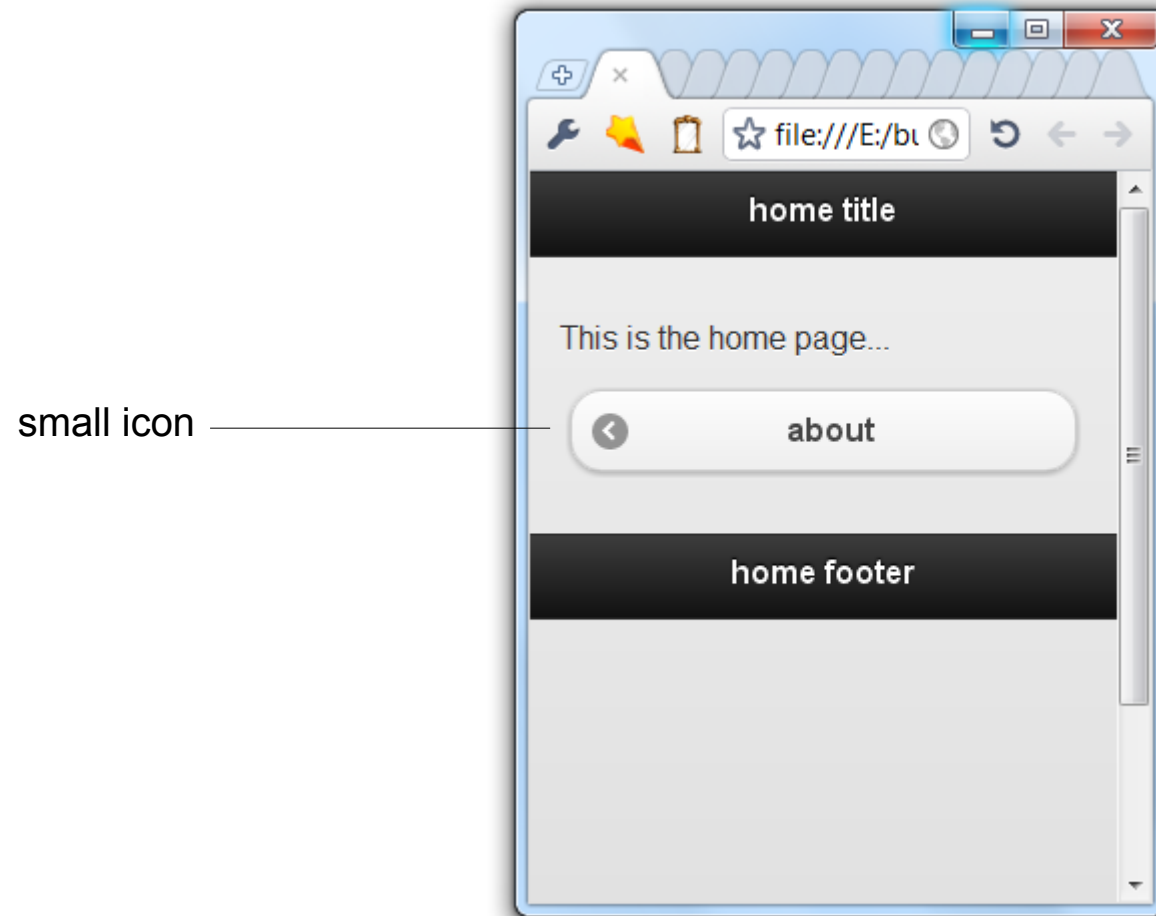
Button Icons

```
<body>

<div data-role="page" id="home">
  <div data-role="header">
    <h1>home title</h1>
  </div>
  <div data-role="content">
    <p>This is the home page...</p>
    <p><a href="#about" data-rel="dialog" data-transition="pop"
      data-role="button" data-icon="arrow-l">about</a></p>
  </div>
  <div data-role="footer">
    <h4>home footer</h4>
  </div>
</div>

</body>
</html>
```

Button Icons



Icons Position

- The position of any icon we add is – by default – to the left of the button.
- We can change the position by adding the `data-iconpos` attribute assigned with one of the following possible values: `right`, `left`, `bottom` or `top`.

Icons Position

```
<!DOCTYPE html>

<head>
<title>Page Title</title>
  <link rel="stylesheet" href=
    "http://code.jquery.com/mobile/1.3.1/jquery.mobile-1.3.1.min.css" />
  <script src="http://code.jquery.com/jquery-1.9.1.min.js"></script>
  <script src=
    "http://code.jquery.com/mobile/1.3.1/jquery.mobile-1.3.1.min.js">
  </script>
</head>
```



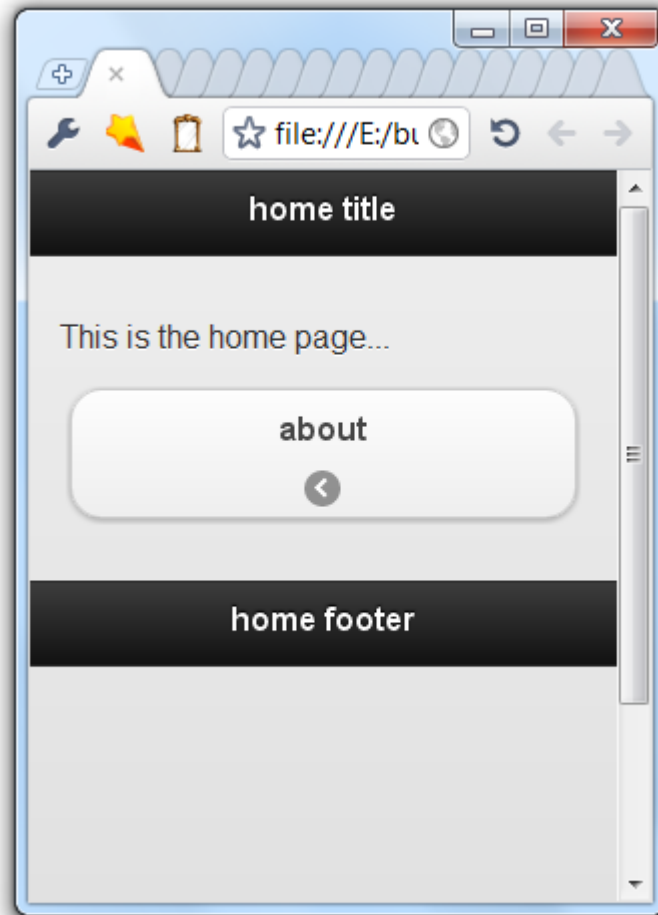
Icons Position

```
<body>

<div data-role="page" id="home">
  <div data-role="header">
    <h1>home title</h1>
  </div>
  <div data-role="content">
    <p>This is the home page...</p>
    <p><a href="#about" data-rel="dialog" data-transition="pop"
      data-role="button" data-icon="arrow-l" data-iconpos="bottom">
        about</a></p>
  </div>
  <div data-role="footer">
    <h4>home footer</h4>
  </div>
</div>

</body>
</html>
```

Icons Position



Inline Buttons

- The buttons we add by default fill-in the entire width of the screen.
- If we place the `data-inline="true"` attribute within the button element then the width will be as wide as required to hold the text and the icon.

```
<a href="#about" data-role="button" data-inline="true">about</a>
```

```
<a href="#help" data-role="button" data-inline="true">help</a>
```


Inline Buttons

```
<!DOCTYPE html>

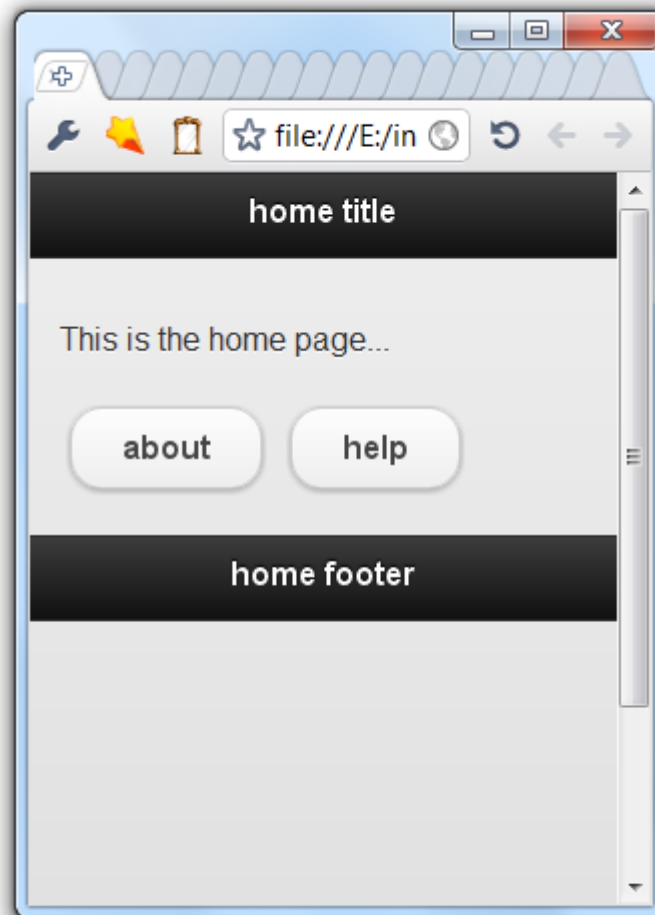
<head>
<title>Page Title</title>
  <link rel="stylesheet" href=
    "http://code.jquery.com/mobile/1.3.1/jquery.mobile-1.3.1.min.css" />
  <script src="http://code.jquery.com/jquery-1.9.1.min.js"></script>
  <script src=
    "http://code.jquery.com/mobile/1.3.1/jquery.mobile-1.3.1.min.js">
  </script>
</head>
```



Inline Buttons

```
<body>
<div data-role="page" id="home">
<div data-role="header">
<h1>home title</h1>
</div>
<div data-role="content">
<p>This is the home page...</p>
<a href="#about" data-role="button" data-inline="true">about</a>
<a href="#help" data-role="button" data-inline="true">help</a>
</div>
<div data-role="footer">
<h4>home footer</h4>
</div>
</div>
</body>
```

Inline Buttons

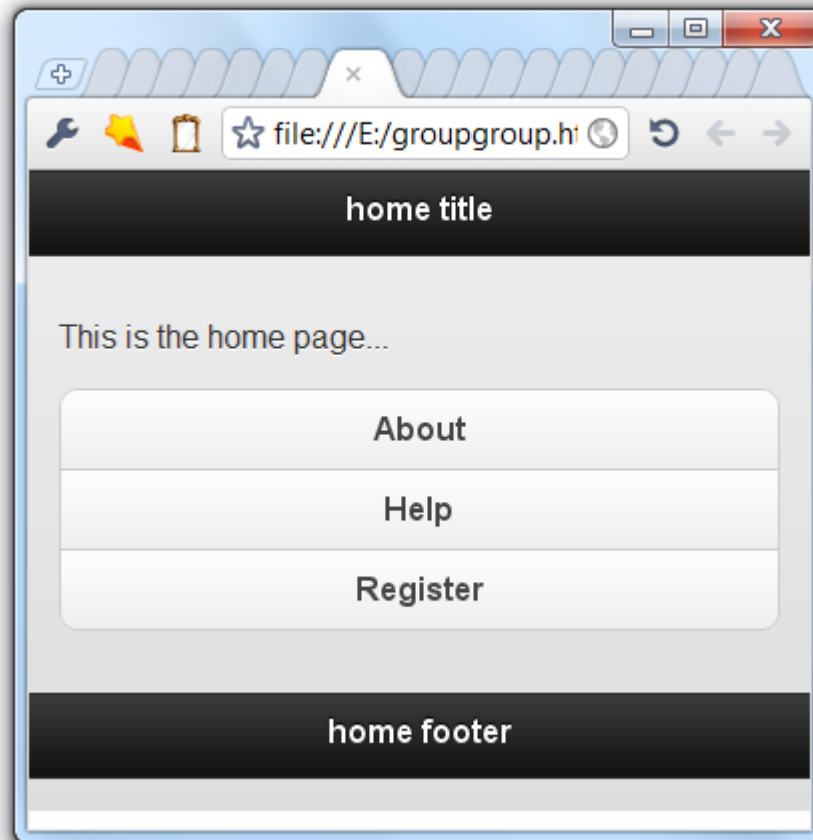


Grouped Buttons

- We can visually group together a set of buttons in order to form a single block.
- We should wrap the button elements within a div element with the `data-role="controlgroup"` attribute.

```
<div data-role="controlgroup">  
    <a href="index.html" data-role="button">About</a>  
    <a href="index.html" data-role="button">Help</a>  
    <a href="index.html" data-role="button">Register</a>  
</div>
```

Grouped Buttons

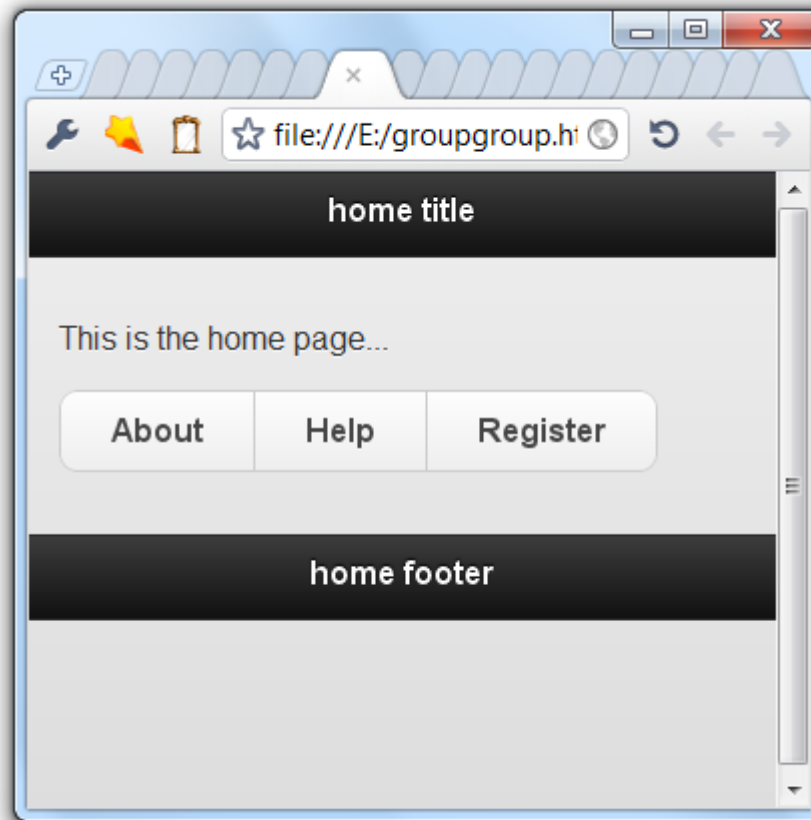


Grouped Buttons

- By default, the buttons are layed down vertically. If we want to have them horizontally then we should add the `data-type="horizontal"` attribute into the div element that scope them.

```
<div data-role="controlgroup" data-type="horizontal">  
  <a href="index.html" data-role="button">About</a>  
  <a href="index.html" data-role="button">Help</a>  
  <a href="index.html" data-role="button">Register</a>  
</div>
```

Grouped Buttons



Grouped Buttons

```
<!DOCTYPE html>

<head>
<title>Page Title</title>
  <link rel="stylesheet" href=
    "http://code.jquery.com/mobile/1.3.1/jquery.mobile-1.3.1.min.css" />
  <script src="http://code.jquery.com/jquery-1.9.1.min.js"></script>
  <script src=
    "http://code.jquery.com/mobile/1.3.1/jquery.mobile-1.3.1.min.js">
  </script>
</head>
```



Grouped Buttons

```
<body>
<div data-role="page" id="home">
<div data-role="header">
<h1>home title</h1>
</div>
<div data-role="content">
<p>This is the home page...</p>
<div data-role="controlgroup">
<a href="index.html" data-role="button">About</a>
<a href="index.html" data-role="button">Help</a>
<a href="index.html" data-role="button">Register</a>
</div></div>
<div data-role="footer">
<h4>home footer</h4>
</div>
</div>
</body>
```

Buttons Themes

- By default, the theme each button is assigned with is the theme that was assigned to its container.
- We can change that by adding the `data-theme` attribute assigned with one of the available swatch letters.

Buttons Themes

```
<!DOCTYPE html>

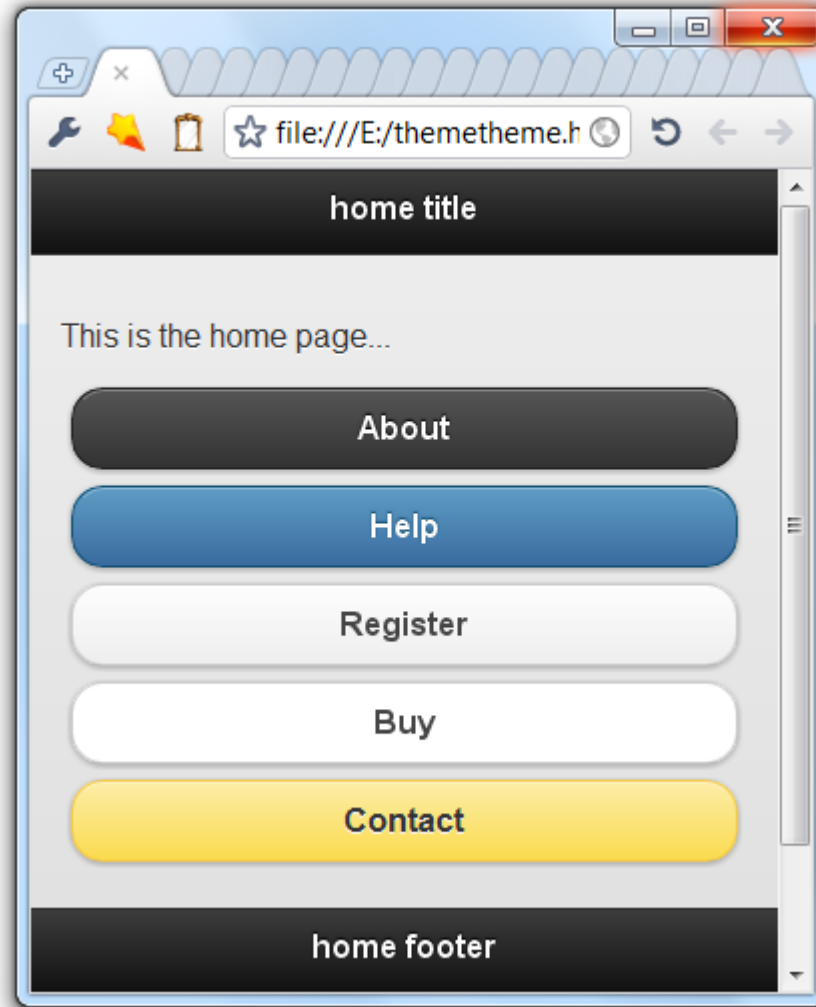
<head>
<title>Page Title</title>
  <link rel="stylesheet" href=
    "http://code.jquery.com/mobile/1.3.1/jquery.mobile-1.3.1.min.css" />
  <script src="http://code.jquery.com/jquery-1.9.1.min.js"></script>
  <script src=
    "http://code.jquery.com/mobile/1.3.1/jquery.mobile-1.3.1.min.js">
  </script>
</head>
```



Buttons Themes

```
<body>
<div data-role="page" id="home">
  <div data-role="header">
    <h1>home title</h1>
  </div>
  <div data-role="content">
    <p>This is the home page...</p>
    <a href="index.html" data-role="button" data-theme="a">About</a>
    <a href="index.html" data-role="button" data-theme="b">Help</a>
    <a href="index.html" data-role="button" data-theme="c">Regis</a>
    <a href="index.html" data-role="button" data-theme="d">Buy</a>
    <a href="index.html" data-role="button" data-theme="e">Conct</a>
  </div>
  <div data-role="footer">
    <h4>home footer</h4>
  </div>
</div>
</body>
```

Buttons Themes



Custom Icons

- We can easily create a new customized icon for using with our buttons. We should start with creating a transparent 18x18 pixel PNG-8 image.
- Using CSS we should define a new CSS class its name includes the name of our custom icon:

```
.ui-icon-ournewicon {  
    background-image: url('ournewiconimage.png');  
}
```

Custom Icons

- Using a new icon should be as with any other icon. We just need to add the data-icon attribute assigned with the new of the new CSS class we created for the new icon.

```
<a href="#" data-role="button" data-icon="ournewicon">  
    sample button  
</a>
```

Custom Icons

```
<!DOCTYPE html>
<html>
<head>
  <title>My Cycling</title>
  <link rel="stylesheet" href=
    "http://code.jquery.com/mobile/1.3.1/jquery.mobile-1.3.1.min.css" />
  <script src="http://code.jquery.com/jquery-1.9.1.min.js"></script>
  <script src=
    "http://code.jquery.com/mobile/1.3.1/jquery.mobile-1.3.1.min.js">
  </script>
</head>
```



Custom Icons

```
<body>
<style type="text/css">
    .ui-icon-ournewicon {
        background-image: url("ournewiconpix.png");
    }
</style>
<div data-role="page" id="home" data-theme="e">
    <div data-role="header">
        <h1>My Clips</h1>
    </div>
    <div data-role="content" data-theme="e">
        <p><a href="#" data-role="button"
            data-rel="dialog" data-icon="ournewicon">click here</a></p>
    </div>
    <div data-role="footer">
        <h4>www.lifemichael.com</h4>
    </div>
</div>
</body>
</html>
```

Custom Icons

