

# Extending Check Boxes and Radio Buttons



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# Reasons to Watch This Module

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- Create compelling check boxes and radio buttons

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- Create compelling check boxes and radio buttons
- Standard Bootstrap

## Bootstrap Check Boxes

- ☐ Jazz
- ☐ Country
- ☐ Rock

## Bootstrap Radio Buttons

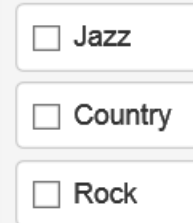
Select your favorite genre

- ☐ Jazz
- ☐ Country
- ☐ Rock

# Reasons to Watch This Module

- Create compelling check boxes and radio buttons
- Standard Bootstrap
- Within a button

## Bootstrap Check Boxes in Button



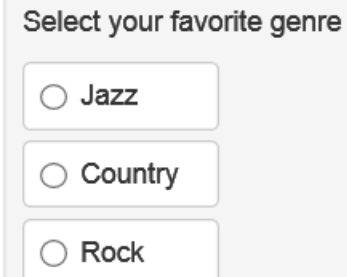
A screenshot of a Bootstrap button containing three check boxes. The button is light gray with rounded corners. Inside the button, there are three lines of text, each preceded by a small, empty square check box. The text labels are 'Jazz', 'Country', and 'Rock'.

☐ Jazz

☐ Country

☐ Rock

## Bootstrap Radio Buttons in a Button



A screenshot of a Bootstrap button containing three radio buttons. The button is light gray with rounded corners. At the top of the button, the text 'Select your favorite genre' is displayed. Below the text, there are three lines of text, each preceded by a small, empty circle radio button. The text labels are 'Jazz', 'Country', and 'Rock'.

Select your favorite genre

☐ Jazz

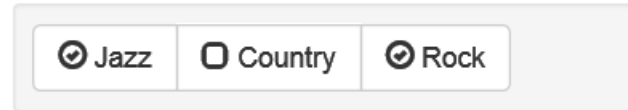
☐ Country

☐ Rock

# Reasons to Watch This Module

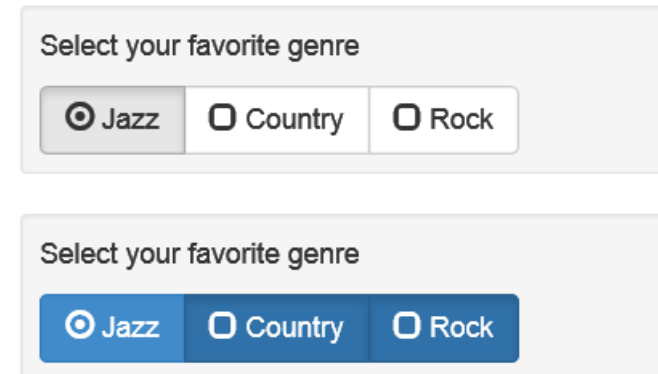
- Create compelling check boxes and radio buttons
- Standard Bootstrap
- Within a button
- Add glyphs

## Add Glyphs to Checkboxes



Two examples of Bootstrap checkboxes. The top example shows three checkboxes: 'Jazz' with a checked glyph, 'Country' with an unchecked glyph, and 'Rock' with a checked glyph. The bottom example shows the same three checkboxes, but the 'Jazz' and 'Rock' checkboxes are highlighted with a blue background, indicating they are selected.

## Add Glyph to Radio Buttons

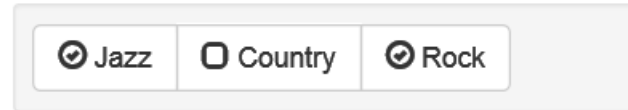


Two examples of Bootstrap radio buttons. The top example shows three radio buttons: 'Jazz' with a checked glyph, 'Country' with an unchecked glyph, and 'Rock' with an unchecked glyph. The bottom example shows the same three radio buttons, but the 'Jazz' radio button is highlighted with a blue background, indicating it is selected.

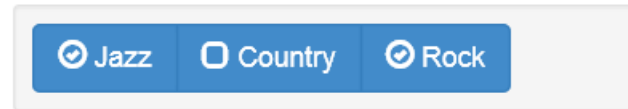
# Reasons to Watch This Module

- Create compelling check boxes and radio buttons
- Standard Bootstrap
- Within a button
- Add glyphs
- Make glyphs change with jQuery

## Add Glyphs to Checkboxes



A row of three buttons with a light gray background. Each button contains a glyph (a circle with a checkmark) and a genre name. The buttons are: 'Jazz' (checked), 'Country' (unchecked), and 'Rock' (checked).

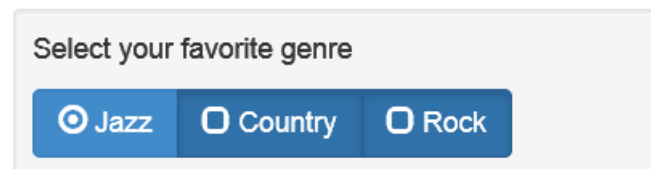


A row of three buttons with a light gray background. Each button contains a glyph (a circle with a checkmark) and a genre name. The buttons are: 'Jazz' (checked), 'Country' (unchecked), and 'Rock' (checked). The buttons have a blue gradient and rounded corners.

## Add Glyph to Radio Buttons



A form with the label 'Select your favorite genre' and three radio buttons. The buttons are: 'Jazz' (selected), 'Country' (unchecked), and 'Rock' (unchecked). Each button contains a glyph (a circle with a dot).

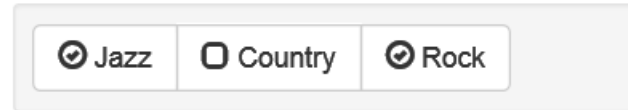


A form with the label 'Select your favorite genre' and three radio buttons. The buttons are: 'Jazz' (selected), 'Country' (unchecked), and 'Rock' (unchecked). Each button contains a glyph (a circle with a dot). The buttons have a blue gradient and rounded corners.

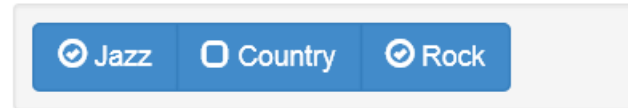
# Reasons to Watch This Module

- Create compelling check boxes and radio buttons
- Standard Bootstrap
- Within a button
- Add glyphs
- Make glyphs change with jQuery
- Let's get started...

## Add Glyphs to Checkboxes



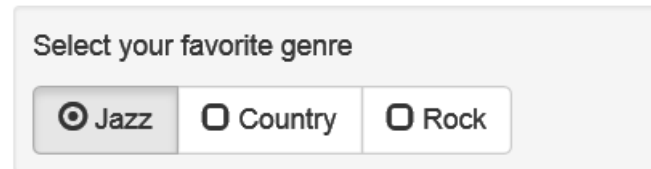
Three checkboxes are displayed in a row. The first checkbox, labeled 'Jazz', is checked and has a checkmark icon. The second checkbox, labeled 'Country', is unchecked and has an empty square icon. The third checkbox, labeled 'Rock', is checked and has a checkmark icon.



Three checkboxes are displayed in a row, all with a blue background. The first checkbox, labeled 'Jazz', is checked and has a checkmark icon. The second checkbox, labeled 'Country', is unchecked and has an empty square icon. The third checkbox, labeled 'Rock', is checked and has a checkmark icon.

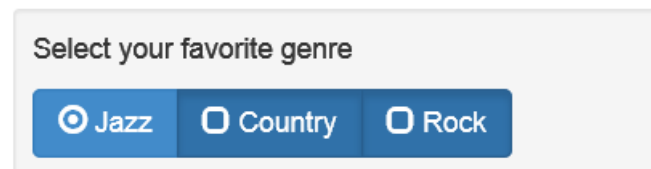
## Add Glyph to Radio Buttons

Select your favorite genre



Three radio buttons are displayed in a row. The first radio button, labeled 'Jazz', is selected and has a filled circle icon. The second radio button, labeled 'Country', is unselected and has an empty circle icon. The third radio button, labeled 'Rock', is unselected and has an empty circle icon.

Select your favorite genre



Three radio buttons are displayed in a row, all with a blue background. The first radio button, labeled 'Jazz', is selected and has a filled circle icon. The second radio button, labeled 'Country', is unselected and has an empty circle icon. The third radio button, labeled 'Rock', is unselected and has an empty circle icon.



# Check Boxes

# Check Boxes

- Don't use normal HTML check boxes

```
<input type="checkbox" /> Jazz
```

```
<input type="checkbox" /> Country
```

```
<input type="checkbox" /> Rock
```

# Check Boxes

- Don't use normal HTML check boxes

```
<input type="checkbox" /> Jazz  
<input type="checkbox" /> Country  
<input type="checkbox" /> Rock
```

- They don't render well on all devices

## HTML Check Boxes

☐ Jazz ☐ Country ☐ Rock

# Check Boxes

# Check Boxes

- Use Bootstrap styles for inline

```
<div class="checkbox-inline">  
  <input type="checkbox" /> Jazz  
</div>
```

# Check Boxes

- Use Bootstrap styles for inline

```
<div class="checkbox-inline">  
  <input type="checkbox" /> Jazz  
</div>
```

## Bootstrap Check Boxes (Inline)

☐ Jazz ☐ Country ☐ Rock

# Check Boxes

# Check Boxes

- Use Bootstrap styles for vertical

```
<div class="checkbox">  
  <label>  
    <input type="checkbox" /> Jazz  
  </label>  
</div>
```



# Check Boxes

- Use Bootstrap styles for vertical

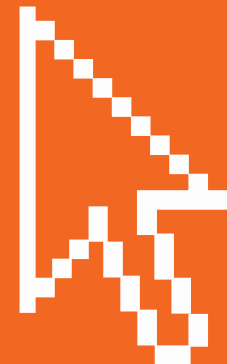
```
<div class="checkbox">  
  <label>  
    <input type="checkbox" /> Jazz  
  </label>  
</div>
```

## Bootstrap Check Boxes

☐ Jazz  
☐ Country  
☐ Rock

Normal check boxes

Bootstrap check boxes



# Check Boxes in a Button

# Check Boxes in a Button

- Put check boxes in a button

## Check Boxes in Button

☐ Jazz

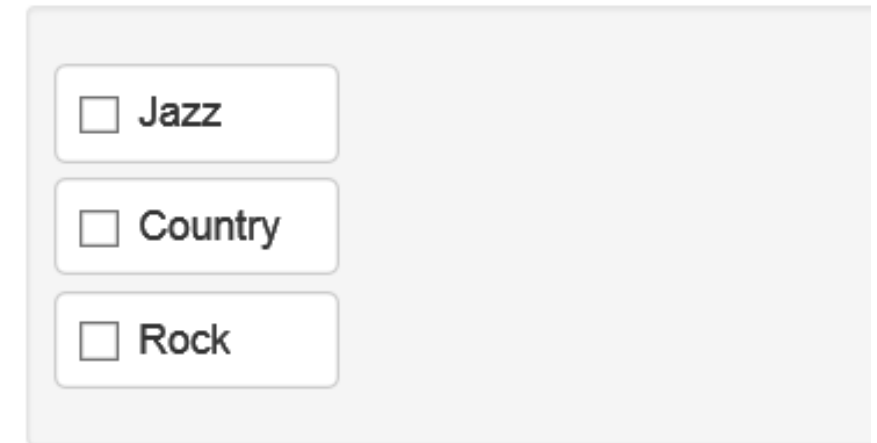
☐ Country

☐ Rock

# Check Boxes in a Button

- Put check boxes in a button
- Easier to “press” for the user

## Check Boxes in Button



☐ Jazz

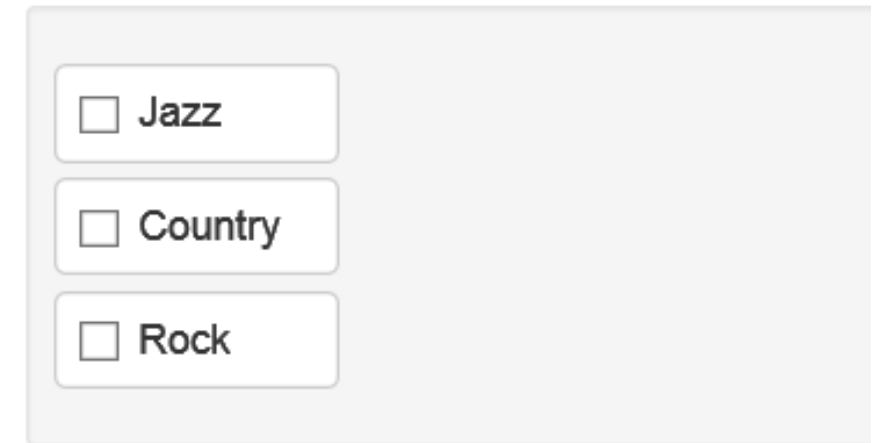
☐ Country

☐ Rock

# Check Boxes in a Button

- Put check boxes in a button
- Easier to “press” for the user
- Wrap in ‘btn’ classes

## Check Boxes in Button



Three buttons are displayed vertically, each containing a checkbox and a label:

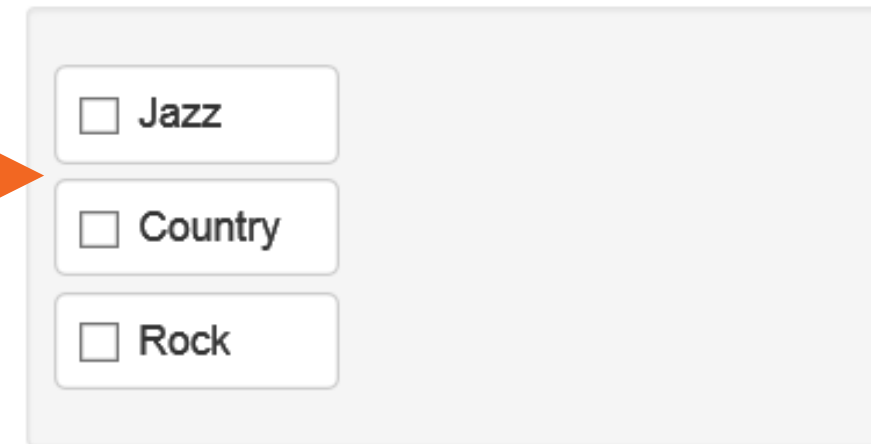
- ☐ Jazz
- ☐ Country
- ☐ Rock

# Check Boxes in a Button

- Put check boxes in a button
- Easier to “press” for the user
- Wrap in ‘btn’ classes

```
<div class="checkbox">  
  <label class="btn btn-default">  
    <input type="checkbox" /> Jazz  
  </label>  
</div>
```

## Check Boxes in Button



☐ Jazz

☐ Country

☐ Rock

# Check Boxes in a Button



# Check Boxes in a Button

- Need a little CSS to style correctly

# Check Boxes in a Button

- Need a little CSS to style correctly
- Adjustments to

# Check Boxes in a Button

- Need a little CSS to style correctly
- Adjustments to
  - Padding
  - Minimum width

```
.checkbox .btn,  
.checkbox-inline .btn {  
  padding-left: 2em;  
  min-width: 7em;  
}
```

# Check Boxes in a Button

- Need a little CSS to style correctly
- Adjustments to
  - Padding
  - Minimum width
  - Left margin

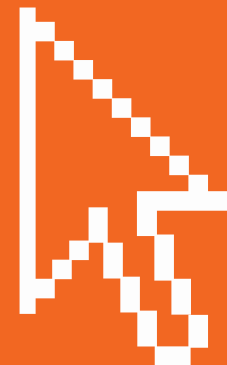
```
.checkbox-inline {  
    margin-left: -1.5em;  
}
```

# Check Boxes in a Button

- Need a little CSS to style correctly
- Adjustments to
  - Padding
  - Minimum width
  - Left margin
  - Text alignment

```
.checkbox label,  
.checkbox-inline label {  
    text-align: left;  
}
```

Check boxes in button



# Check Boxes in Button Group

# Check Boxes in Button Group

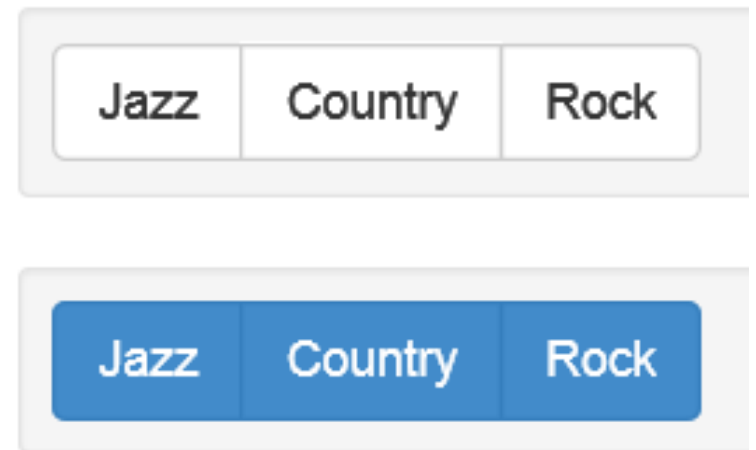
- Add button group styles around check boxes



# Check Boxes in Button Group

- Add button group styles around check boxes

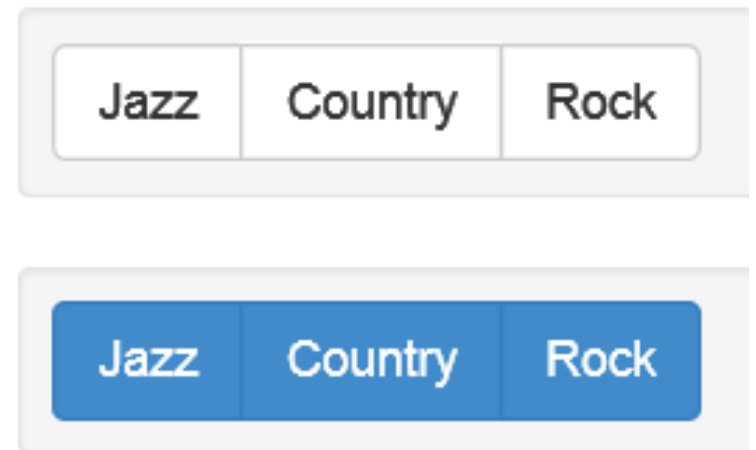
```
<div class="btn-group" data-toggle="buttons">  
  <label class="btn btn-default">  
    <input type="checkbox" /> Jazz  
  </label>  
  <label class="btn btn-default">  
    <input type="checkbox" /> Country  
  </label>  
</div>
```



# Check Boxes in Button Group

- Add button group styles around check boxes

```
<div class="btn-group" data-toggle="buttons">  
  <label class="btn btn-default">  
    <input type="checkbox" /> Jazz  
  </label>  
  <label class="btn btn-default">  
    <input type="checkbox" /> Country  
  </label>  
</div>
```



# Add Glyphs

# Add Glyphs

- Add glyphs to the `<label>`



Check boxes in button group

Glyphs



# Toggle Glyphs

# Toggle Glyphs

- Add some jQuery to connect to 'change' event of check boxes



# Toggle Glyphs

- Add some jQuery to connect to 'change' event of check boxes

```
$("#[type='checkbox']").on('change', function () {  
    if ($(this).prop('checked')) {  
        $(this).prev()  
            .removeClass('glyphicon-unchecked')  
            .addClass('glyphicon-ok-circle');  
    } else {  
        // Toggle the other way  
    }  
});
```

# Toggle Glyphs

- Add some jQuery to connect to 'change' event of check boxes

```
$("[type='checkbox']").on('change', function () {  
    if ($(this).prop('checked')) {  
        $(this).prev()  
            .removeClass('glyphicon-unchecked')  
            .addClass('glyphicon-ok-circle');  
    } else {  
        // Toggle the other way  
    }  
});
```

# Toggle Glyphs

- Add some jQuery to connect to 'change' event of check boxes

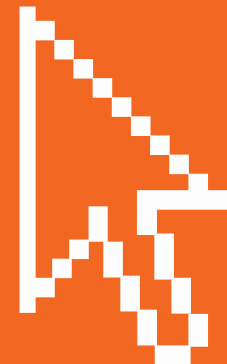
```
$("#[type='checkbox']").on('change', function () {  
    if ($(this).prop('checked')) {  
        $(this).prev()  
            .removeClass('glyphicon-unchecked')  
            .addClass('glyphicon-ok-circle');  
    } else {  
        // Toggle the other way  
    }  
});
```

# Toggle Glyphs

- Add some jQuery to connect to 'change' event of check boxes

```
$("#[type='checkbox']").on('change', function () {  
    if ($(this).prop('checked')) {  
        $(this).prev()  
            .removeClass('glyphicon-unchecked')  
            .addClass('glyphicon-ok-circle');  
    } else {  
        // Toggle the other way  
    }  
});
```

Toggle glyphs when checked



# Radio Buttons

# Radio Buttons

- Style exactly the same as check boxes

# Radio Buttons

- Style exactly the same as check boxes
  - Don't use normal HTML radio buttons

## HTML Radio Buttons

Select your favorite genre

☐ Jazz ☐ Country ☐ Rock



# Radio Buttons

- Style exactly the same as check boxes
  - Don't use normal HTML radio buttons
  - Use Bootstrap styled

## Bootstrap Radio Buttons (Inline)

Select your favorite genre

☐ Jazz ☐ Country ☐ Rock

# Radio Buttons

- Style exactly the same as check boxes
  - Don't use normal HTML radio buttons
  - Use Bootstrap styled
- Put into buttons

## Radio Buttons in a Button

Select your favorite genre

☐ Jazz

☐ Country

☐ Rock

# Radio Buttons

- Style exactly the same as check boxes
  - Don't use normal HTML radio buttons
  - Use Bootstrap styled
- Put into buttons
- Put into button groups

## Button Group for Radio Buttons

Select your favorite genre

Jazz

Country

Rock

Select your favorite genre

Jazz

Country

Rock

# Radio Buttons

- Style exactly the same as check boxes
  - Don't use normal HTML radio buttons
  - Use Bootstrap styled
- Put into buttons
- Put into button groups
- Add glyphs

## Add Glyph to Radio Buttons

Select your favorite genre

☒ Jazz ☐ Country ☐ Rock

Select your favorite genre

☒ Jazz ☐ Country ☐ Rock

# Toggle Glyphs

# Toggle Glyphs

- Add some jQuery to connect to 'click' event of radio buttons

```
$(document).ready(function () {  
    $("#genreSelect .btn").on('click', function () {  
        ToggleRadioButtons("#genreSelect", $(this));  
    });  
});
```

# Toggle Glyphs

- Add some jQuery to connect to 'click' event of radio buttons
- Pass container (#genreSelect) and button clicked on to a function

```
$(document).ready(function () {  
    $("#genreSelect .btn").on('click', function () {  
        ToggleRadioButtons("#genreSelect", $(this));  
    });  
});
```

# Toggle Glyphs

- Add some jQuery to connect to 'click' event of radio buttons
- Pass container (#genreSelect) and button clicked on to a function
- This function toggles any group of buttons within a container

```
$(document).ready(function () {  
    $("#genreSelect .btn").on('click', function () {  
        ToggleRadioButtons("#genreSelect", $(this));  
    });  
});
```



# Toggle Glyphs

# Toggle Glyphs

- Function sets all glyphs to unchecked

```
function pdsaToggleRadioButtons(groupName, current) {  
    $(groupName + " .glyphicon-record")  
        .removeClass('glyphicon-record')  
        .addClass('glyphicon-unchecked');  
    current.find(">:first-child")  
        .removeClass('glyphicon-unchecked')  
        .addClass('glyphicon-record');  
}
```

# Toggle Glyphs

- Function sets all glyphs to unchecked
- Then adds “record” glyph to selected radio button in button group

```
function pdsaToggleRadioButtons(groupName, current) {  
    $(groupName + " .glyphicon-record")  
        .removeClass('glyphicon-record')  
        .addClass('glyphicon-unchecked');  
    current.find(">:first-child")  
        .removeClass('glyphicon-unchecked')  
        .addClass('glyphicon-record');  
}
```

Toggle glyphs



# Summary



# Summary

- You can make check boxes and radio buttons look better



# Summary

- You can make check boxes and radio buttons look better
  - Apply bootstrap styling



# Summary

- You can make check boxes and radio buttons look better
  - Apply bootstrap styling
  - Place into buttons





# Summary

- You can make check boxes and radio buttons look better
  - Apply bootstrap styling
  - Place into buttons
- Put into button groups for a different look



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- You can make check boxes and radio buttons look better
  - Apply bootstrap styling
  - Place into buttons
- Put into button groups for a different look
- Add glyphs for added appeal



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- You can make check boxes and radio buttons look better
  - Apply bootstrap styling
  - Place into buttons
- Put into button groups for a different look
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  - Use bootstrap glyphs



# Summary

- You can make check boxes and radio buttons look better
  - Apply bootstrap styling
  - Place into buttons
- Put into button groups for a different look
- Add glyphs for added appeal
  - Use bootstrap glyphs
  - Use Font Awesome icons



# Summary

- You can make check boxes and radio buttons look better
  - Apply bootstrap styling
  - Place into buttons
- Put into button groups for a different look
- Add glyphs for added appeal
  - Use bootstrap glyphs
  - Use Font Awesome icons
- A little jQuery helps with toggling the glyphs



# Summary

- You can make check boxes and radio buttons look better
  - Apply bootstrap styling
  - Place into buttons
- Put into button groups for a different look
- Add glyphs for added appeal
  - Use bootstrap glyphs
  - Use Font Awesome icons
- A little jQuery helps with toggling the glyphs
- You will use these in the music site in the next module

