

## TELUS Component Library

# IconButton

Multi-Platform Component | [Figma UI KIT](#)



```
<IconButton action="add" onPress={() => {}} />
```

## Introduction

IconButton can be used to control actions or navigation on pressing a universally-recognizable icon that doesn't need visually displayed accompanying text (but may include an accessibility label for screen reader users).

The button shows the icon only, which is limited to a sub-set of multi-brand icons (add, close, play, subtract, moveLeft, moveRight, moveDown, moveUp).

[Follow the appropriate instructions](#) to add this component in to your app.

## Guidance

- Use `accessibilityLabel` to provide context for screen reader users.
- Use `action` to set the icon to a multi-brand compatible icon: one of `add`, `close`, `play`, `subtract`, `moveUp`, `moveDown`, `moveLeft`, `moveRight`.
- Use `iconName` to set the icon: one of Add, Close, Play, Subtract, ArrowLeft, ArrowRight, CaretDown, CaretUp
- Use `icon` to set a custom icon.
- Pass a `href` if the IconButton should render as an `<a>` link with a URL as a target. Rendered semantic role may also be controlled using `accessibilityRole` (default role is `button` if `href` is not provided).



```
<Box space={4}>
  <StackView space={4} direction="row">
    <IconButton action="add" href="https://telus.com" />
    <IconButton action="close" href="https://telus.com" />
    <IconButton action="play" href="https://telus.com" />
    <IconButton action="subtract" href="https://telus.com" />
    <IconButton action="moveLeft" href="https://telus.com" />
    <IconButton action="moveRight" href="https://telus.com" />
    <IconButton action="moveDown" href="https://telus.com" />
    <IconButton action="moveUp" href="https://telus.com" />
    <IconButton action="expand" href="https://telus.com" />
  </StackView>
</Box>
```

Accessibility

- Pass an `accessibilityLabel` so that the icon button is accessible to screen readers.

Props

Name	Type	Platform	Default	Description
variant	variant	standard	{}	System variant prop, see <a href="#">variants</a> for more details
icon	elementType	standard		Defines the icon to be rendered
tokens	tokens	standard		System tokens prop, see <a href="#">tokens</a> for more details

Name	Type	Platform	Default	Description
action	'add'   'subtract'   'close'   'play'   'moveUp'   'moveDown'   'moveLeft'   'moveRight'   'expand'	web only		To set the icon to a multi-brand compatible icon
testID	string	standard		A unique identifier for testing purposes. Will be added as a `data-testid` attribute.
href	string	standard		URL to navigate to when the `IconButton` is pressed
hrefAttrs	shape	standard		URL options to navigate to when the `IconButton` is pressed
onPress	func	standard		Function to execute when the `IconButton` is pressed

## Tokens

In exceptional circumstances, the following tokens can be passed to this component to override its default styles. **Do not do this unless absolutely necessary.** [Read more about overriding styles.](#)

#### ► View Tokens



#### DANGER

The `iconName` property is deprecated, it is only available in `ds-allium`. Please use `action` instead when using `components-web`.

## Variants

There are three sizes available (`default`, `small`, `large`) and "inverse" and "raised" stylistic variants. There is also a "action" variant to use multi-brand supported icons.

## Default

The default choice on light backgrounds.



```
<Box space={4}>
  <StackView space={4} direction="row">
    <IconButton action="add" onPress={() => {}} variant={{ size:
      'small' }} />
    <IconButton action="add" onPress={() => {}} />
    <IconButton action="add" onPress={() => {}} variant={{ size:
      'large' }} />
  </StackView>
</Box>
```

## Inverse

A light icon button for use on dark backgrounds.

```

<Box space={4} variant={{ background: 'darkest' }}>
  <StackView space={4} direction="row">
    <IconButton action="add" onPress={() => {}} variant={{
inverse: true, size: 'small' }} />
    <IconButton action="add" onPress={() => {}} variant={{
inverse: true }} />
    <IconButton action="add" onPress={() => {}} variant={{
inverse: true, size: 'large' }} />
  </StackView>
</Box>

```

## Raised

Uses a solid background and shadow effect, for sitting above other content.



```

<Box space={4} background="darkest">
  <StackView space={4} direction="row">
    <IconButton action="add" onPress={() => {}} variant={{
raised: true, size: 'small' }} />
    <IconButton action="add" onPress={() => {}} variant={{
raised: true }} />
    <IconButton action="add" onPress={() => {}} variant={{
raised: true, size: 'large' }} />
  </StackView>
</Box>

```

## Feedback

- Spotted a problem with this component? Raise an [issue on GitHub](https://telus.github.io/universal-design-system/components/allium/IconButton)

- See any [existing issues](#) for this component
- Contact the team on slack in [#ds-support](#)