

Design challenge

Create a design system file in Figma containing two components: a button and a card. Define all possible states for each component and provide detailed documentation for one of them, including specifications, use cases, and guidelines on best practices and pitfalls to avoid.

Styles

Typography

Typography can help create clear hierarchies, organize information, and guide users through a product or experience. It also plays an important part in branding.

Mobile

STYLE NAME	SIZE	LINE HEIGHT	WEIGHT	FONT	SAMPLE
h1-mobile	32px	44px	500	Inter	H1 mobile
This style is for layout headings					
h2-mobile	28px	39px	500	Inter	H2 mobile
This style is for layout headings					
h3-mobile	25px	34px	500	Inter	H3 mobile
This style is for layout headings					
h4-mobile	22px	31px	500	Inter	H4 mobile
This style is for components and layout headings					
h5-mobile	20px	28px	500	Inter	H5 mobile
This style is for components and layout headings					
h6-mobile	18px	26px	500	Inter	H6 mobile
This style is for components and layout headings					

Desktop

STYLE NAME	SIZE	LINE HEIGHT	WEIGHT	FONT	SAMPLE
h1-desktop	61px	84px	500	Inter	H1 desktop
This style is for layout headings					
h2-desktop	48px	67px	500	Inter	H2 desktop
This style is for layout headings					
h3-desktop	39px	53px	500	Inter	H3 desktop
This style is for layout headings					
h4-desktop	31px	43px	500	Inter	H4 desktop
This style is for components and layout headings					
h5-desktop	25px	35px	500	Inter	H5 desktop
This style is for components and layout headings					
h6-desktop	20px	24px	500	Inter	H6 desktop
This style is for components and layout headings					

Paragraphs

STYLE NAME	SIZE	LINE HEIGHT	WEIGHT	FONT	SAMPLE
paragraph-m	16px	28px	400	Inter	Paragraph M
This style is for long body copies					
paragraph-s	16px	24px	400	Inter	Paragraph S
This style is for texts in components					

System text

STYLE NAME	SIZE	LINE HEIGHT	WEIGHT	FONT	SAMPLE
button-label-medium	16px	18px	600	Inter	Button label
This style is for buttons labels					
button-label-small	16px	16px	600	Inter	Button label
This style is for buttons labels					
button-text-label-medium	16px	18px	600	Inter	<u>Button label</u>
This style is for text buttons labels when hovered and clicked. Do note the text decoration underlined.					
button-text-label-small	16px	16px	600	Inter	<u>Button label</u>
This style is for text buttons labels when hovered and clicked. Do note the text decoration underlined.					
helper	14px	20px	400	Inter	Helper text
This style is for short explanatory helper texts					

Colors

Using color wisely can improve communication, ensure visual consistency, communicate status and feedback, and help people understand information while reflecting the brand.

Teal blue

tealblue-50
#F2F9F9

tealblue-100
#DDEFF0

tealblue-200
#BFE0E2

tealblue-300
#92CACE

tealblue-400
#5FAAB1

tealblue-500
#438E96

tealblue-600
#3B757F

tealblue-700
#356169

tealblue-800
#325158

tealblue-900
#2D464C

tealblue-1000
#2D464C

Grey

grey-100
#FAFBFC

grey-200
#EFF0F2

grey-300
#DCDEE3

grey-400
#C7CAD1

grey-500
#AEB2BC

grey-600
#9499A5

grey-700
#7F8493

grey-800
#6B7180

grey-900
#595E6A

grey-1000
#474B55

grey-1100
#363840

grey-1200
#24262B

grey-1300
#121315

Light

light-100
#F2F9F9

light-200
#DDEFF0

light-300
#BFE0E2

light-400
#92CACE

light-500
#5FAAB1

Dark

dark-100
#438E96

dark-200
#3B757F

dark-300
#356169

dark-400
#325158

dark-500
#2D464C

Black

black
#000000

White

white
#FFFFFF

Shadows

Shadows create elevation on certain components, creating better contrast with the background and allowing better feedbacks.

Light mode shadows

STYLE NAME
light-shadow-1

BLUR
8

SPREAD
0

COLOR
#33343E

OPACITY
15%

STYLE NAME
light-shadow-2

BLUR
16

SPREAD
0

COLOR
#33343E

OPACITY
15%

Dark mode shadows

STYLE NAME
dark-shadow-1

BLUR
24

SPREAD
4

COLOR
#000000

OPACITY
25%

STYLE NAME
dark-shadow-2

BLUR
24

SPREAD
12

COLOR
#000000

OPACITY
25%

Icons

Icons convey concepts almost instantly. They are used for small actions by replacing the text or sometimes by supporting it.



Components

Vertical cards

Cards display content and actions about a single subject.

Filled cards

Label title

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

Label

Label

Label title

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

Label

Label

Label title

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

Label

Label

Label title

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

Label

Label

Elevated cards

Label title

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

Label

Label

Label title

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

Label

Label

Label title

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

Label

Label

Label title

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

Label

Label

Outlined cards

Label title

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

Label

Label

Label title

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

Label

Label

Label title

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

Label

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Filled cards

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Label

Label

Elevated cards

Label title

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Lorem ipsum dolor sit amet, consectetur adipiscing elit.

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Label

Label

Label title

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

Label

Label

Outlined cards

Label title

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Label

Label

Label title

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

Label

Label

Label title

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Label

Label

Label title

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

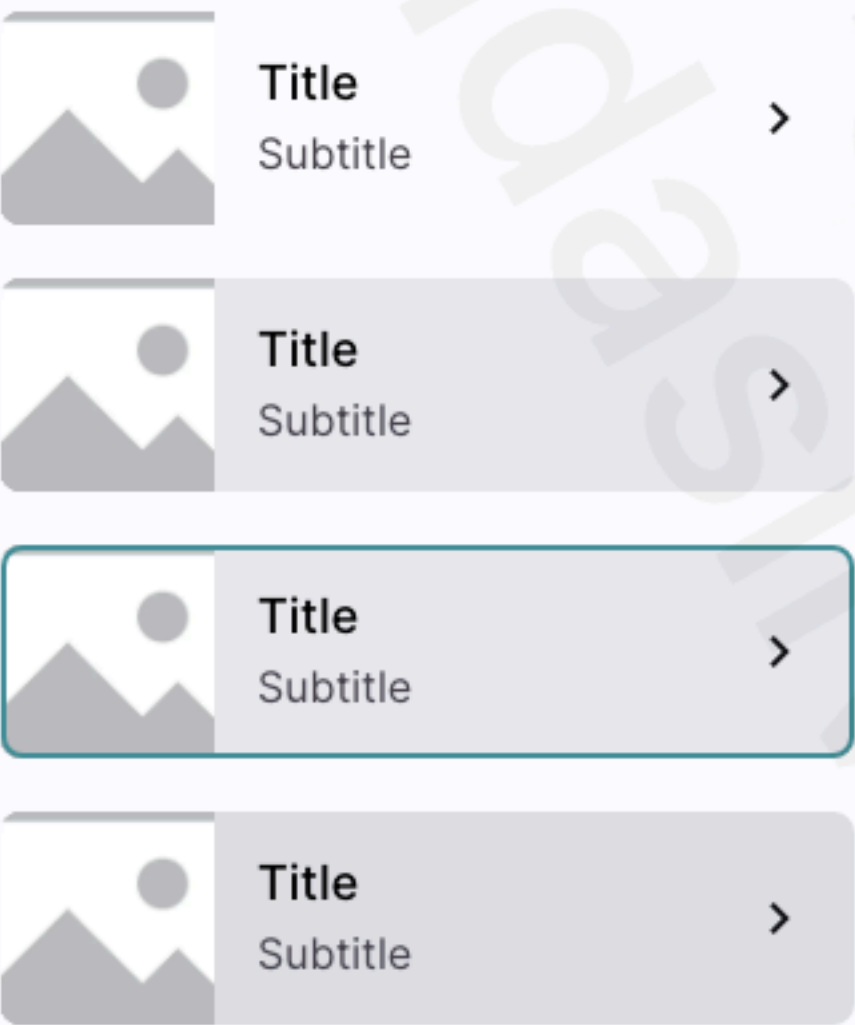
Label

Label

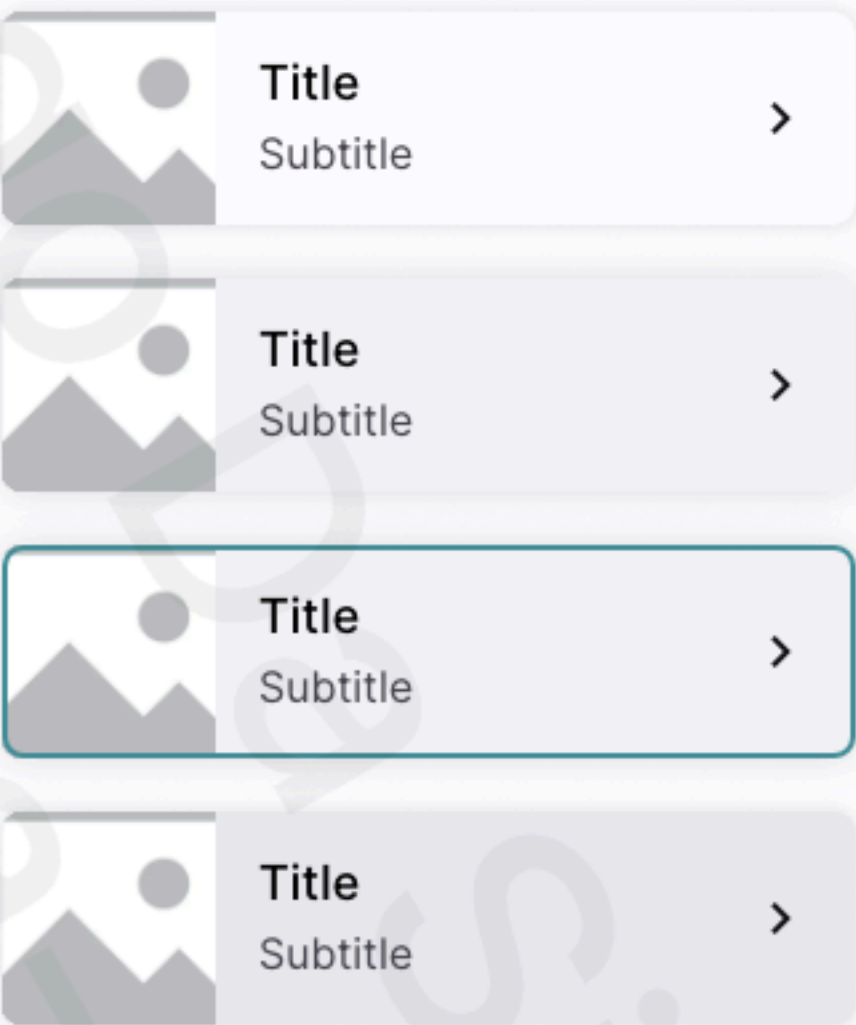
Horizontal cards

Cards display content and actions about a single subject.

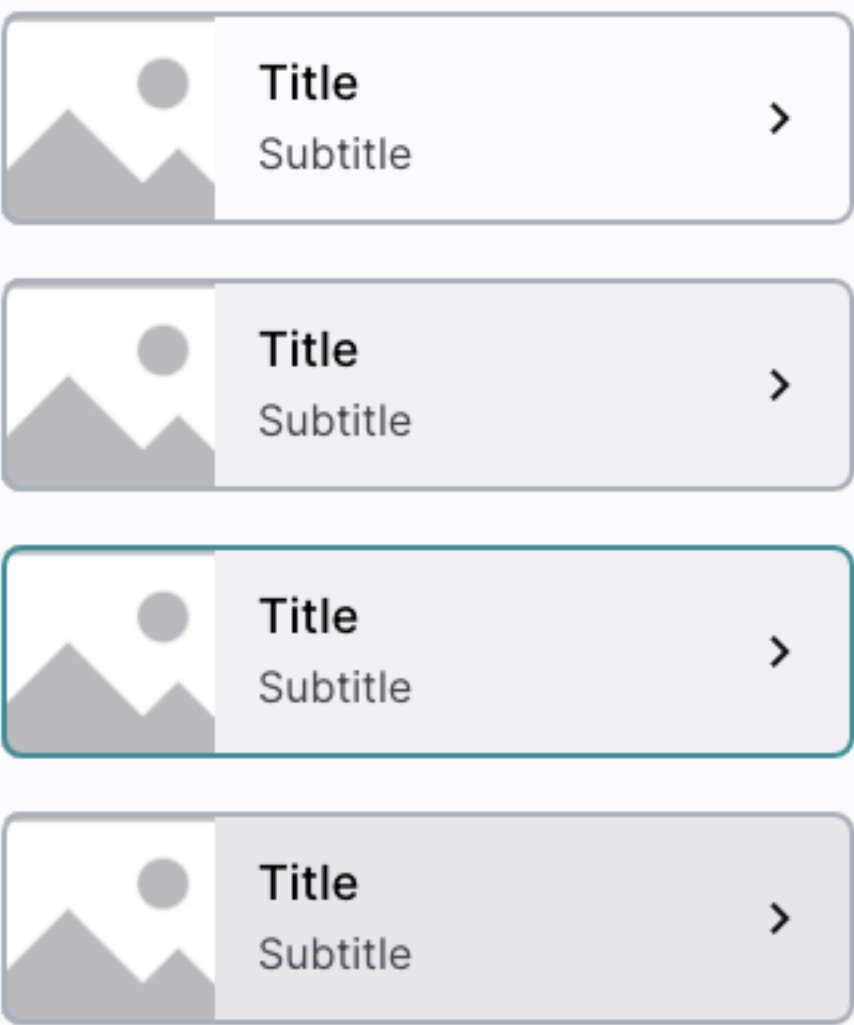
Filled cards



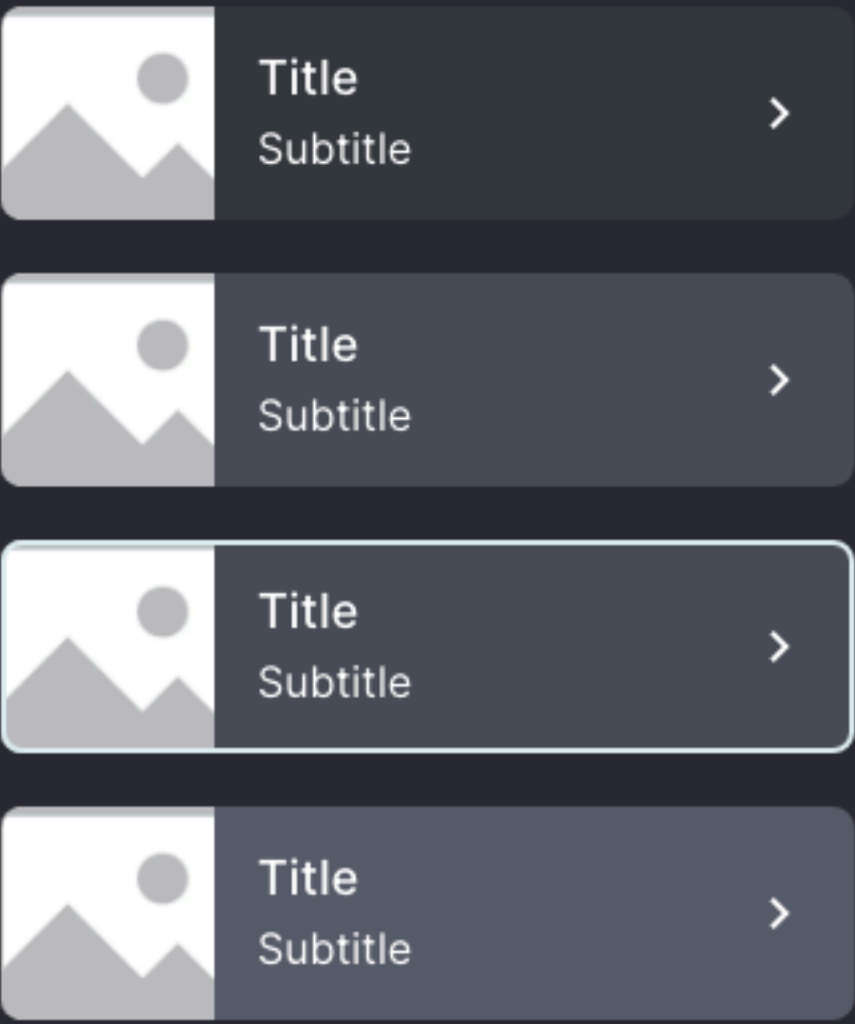
Elevated cards



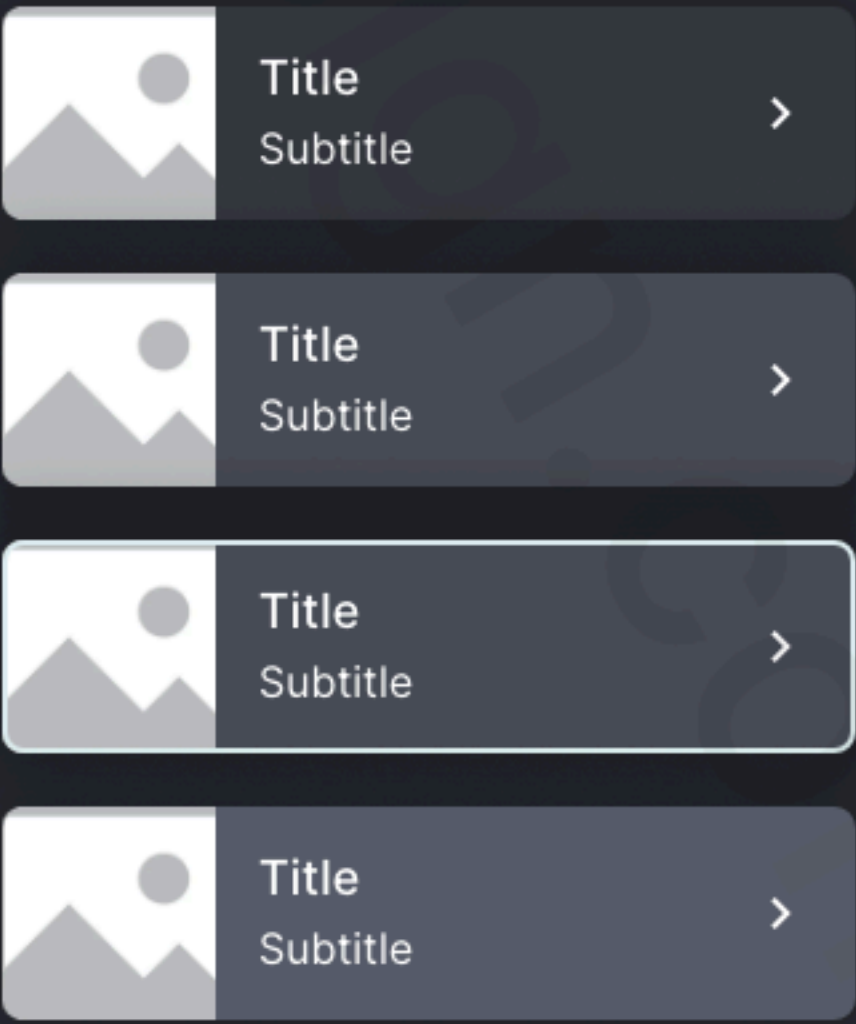
Outlined cards



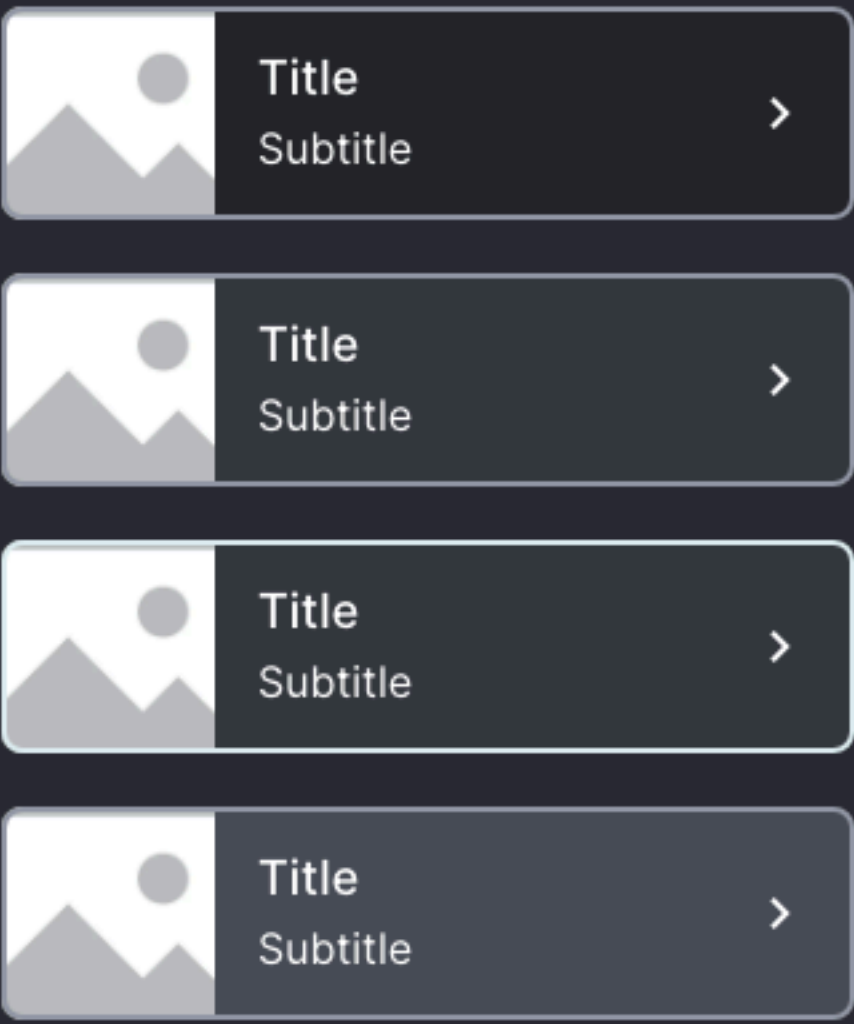
Filled cards



Elevated cards



Outlined cards

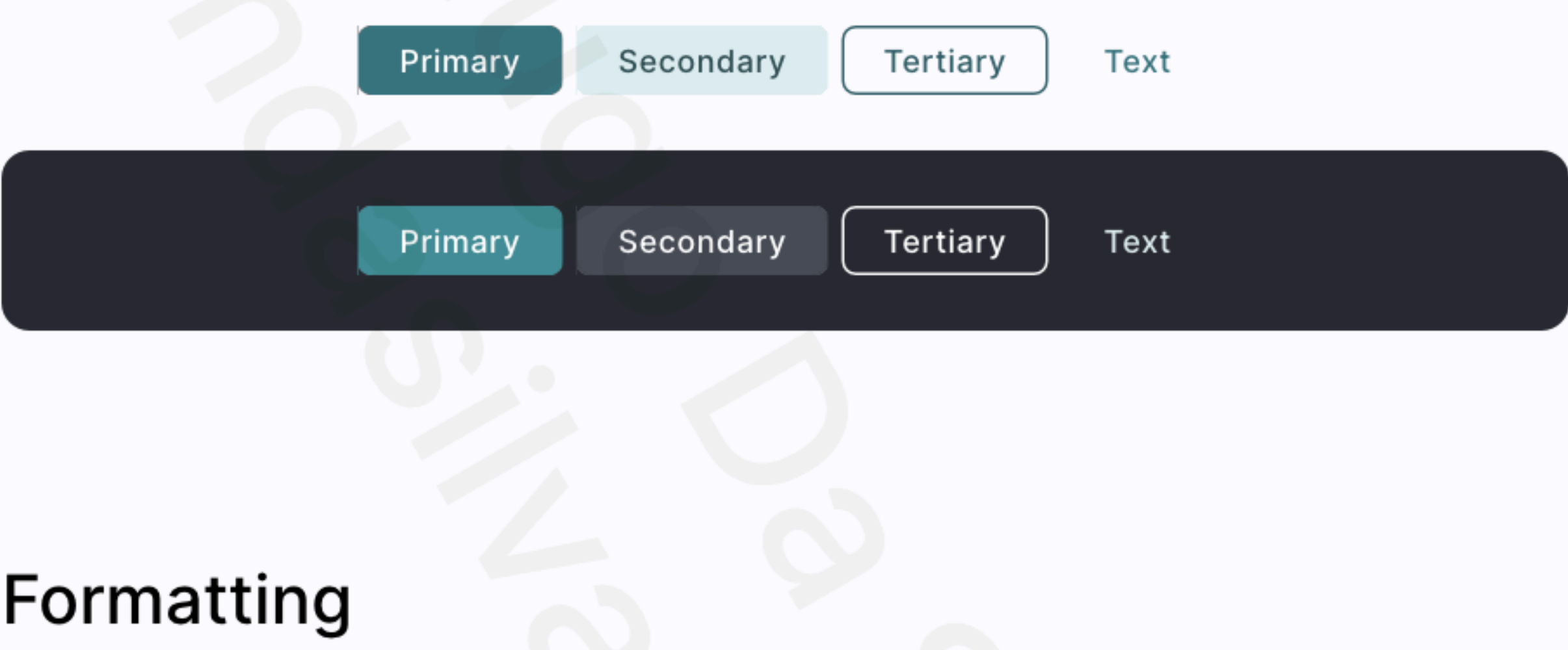


Guidelines

Buttons

Guidelines

Buttons communicate clear actions that a user can take. They are used all over the UI in places like: Dialogs, Forms, Toolbars, etc. They should be easy to use and very intuitive.



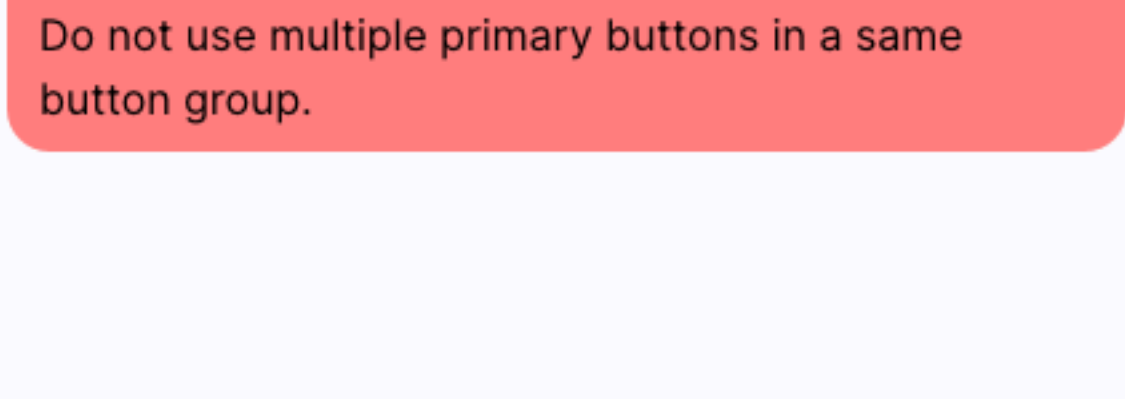
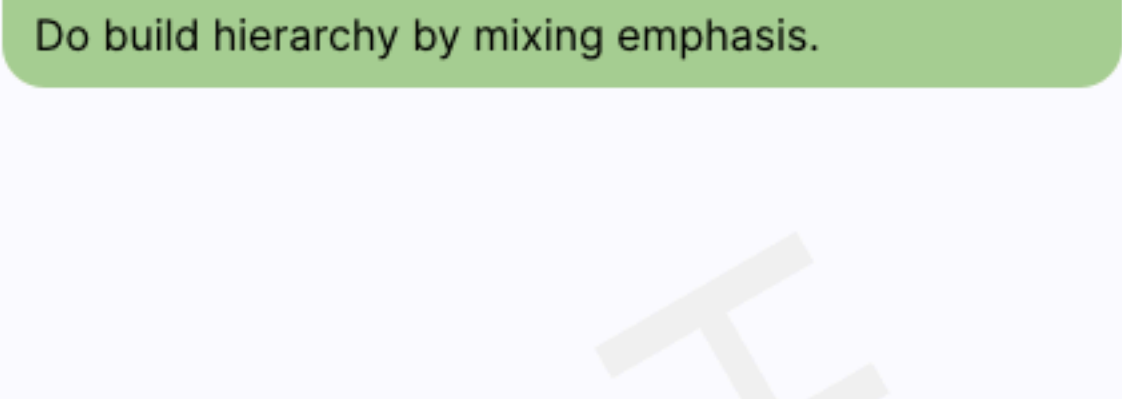
Formatting

Hierarchy

In general, every page should have a main action displayed by a high emphasis button. This button should be predominant at first glance, the other buttons should therefore be more discreet in the hierarchy.

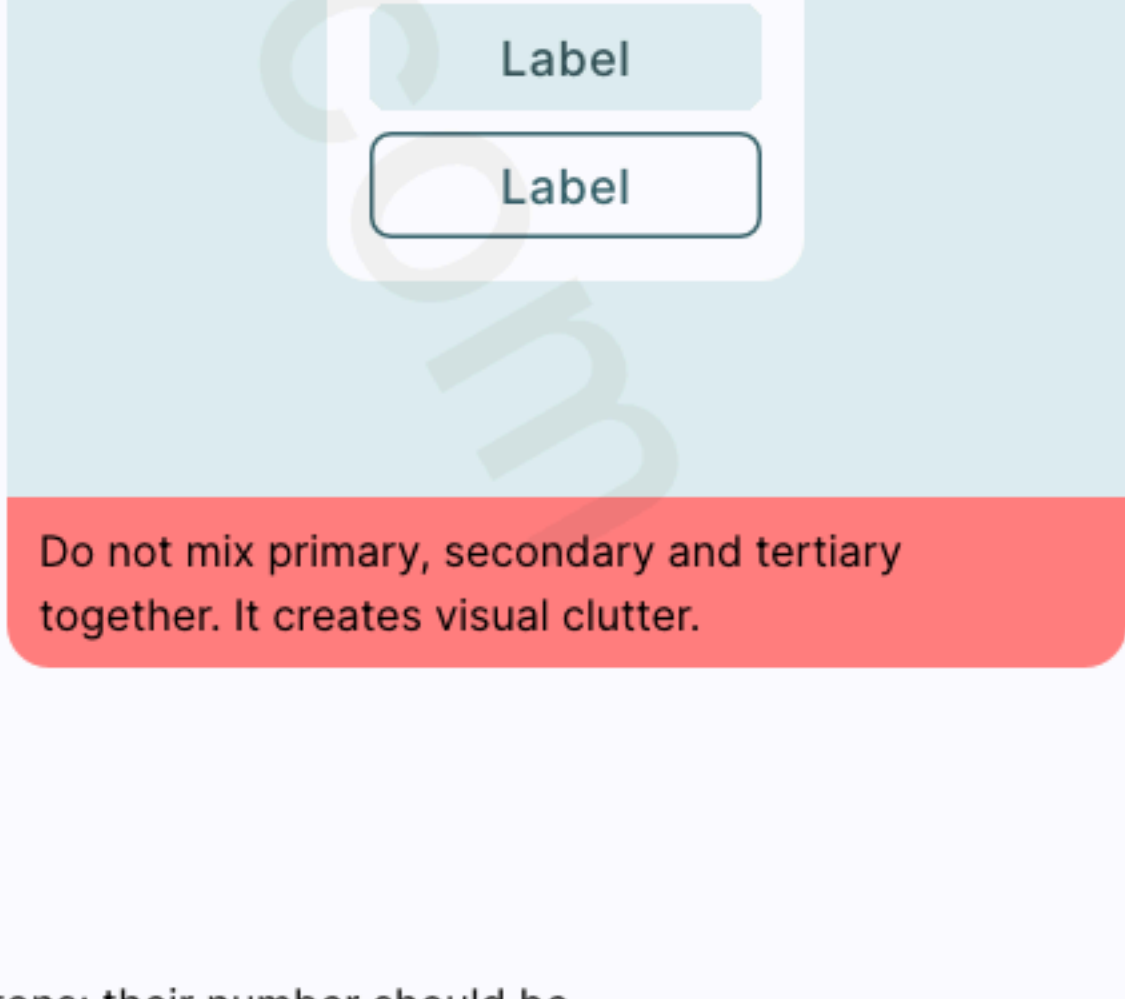
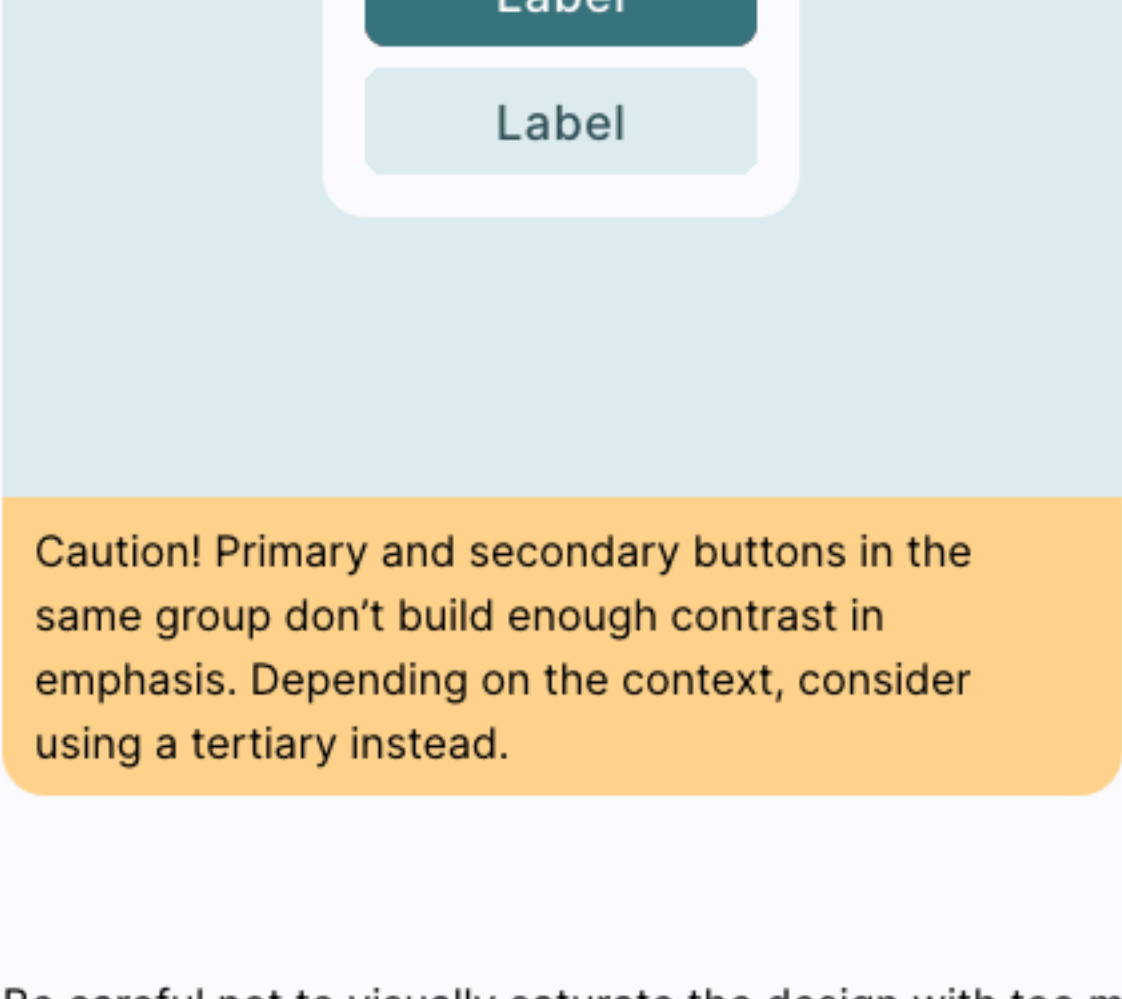
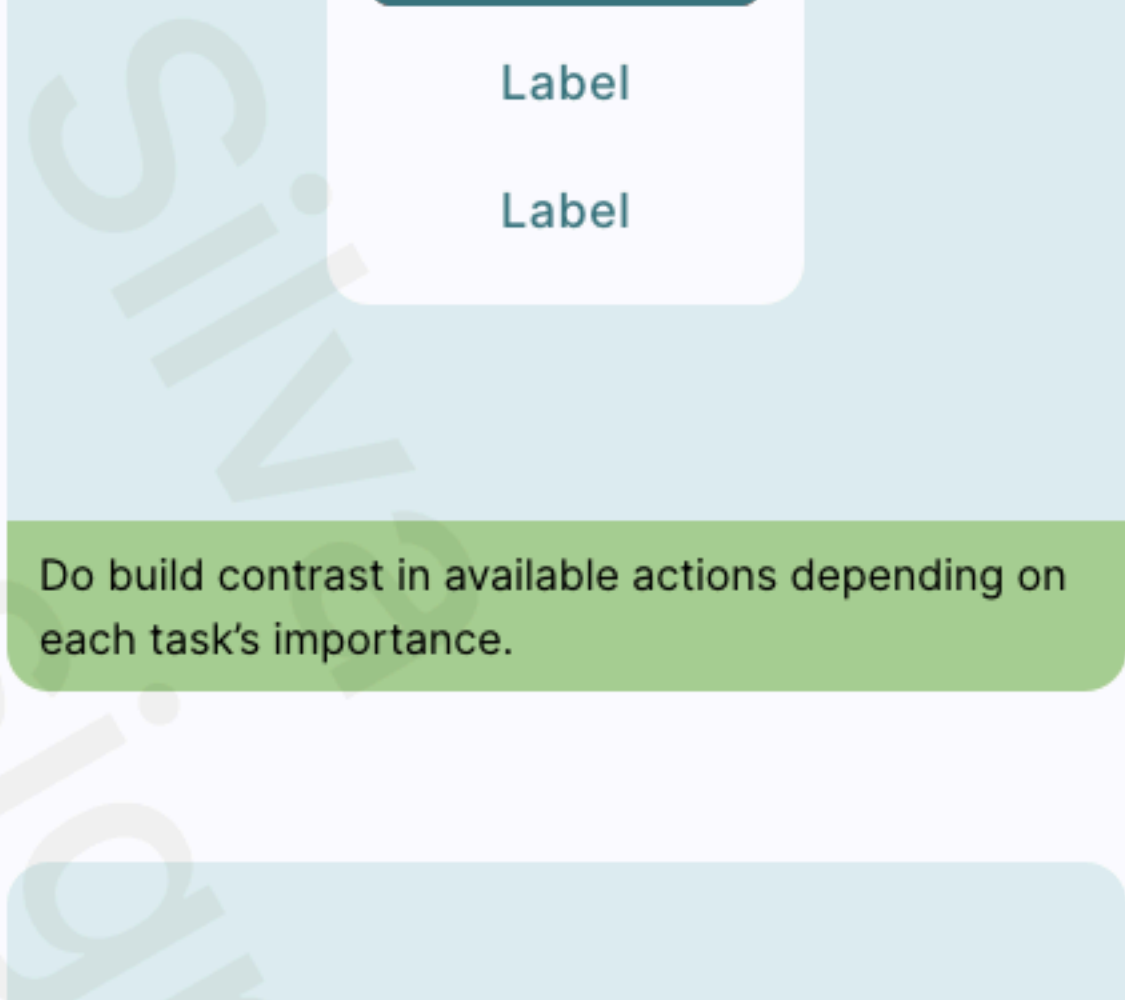
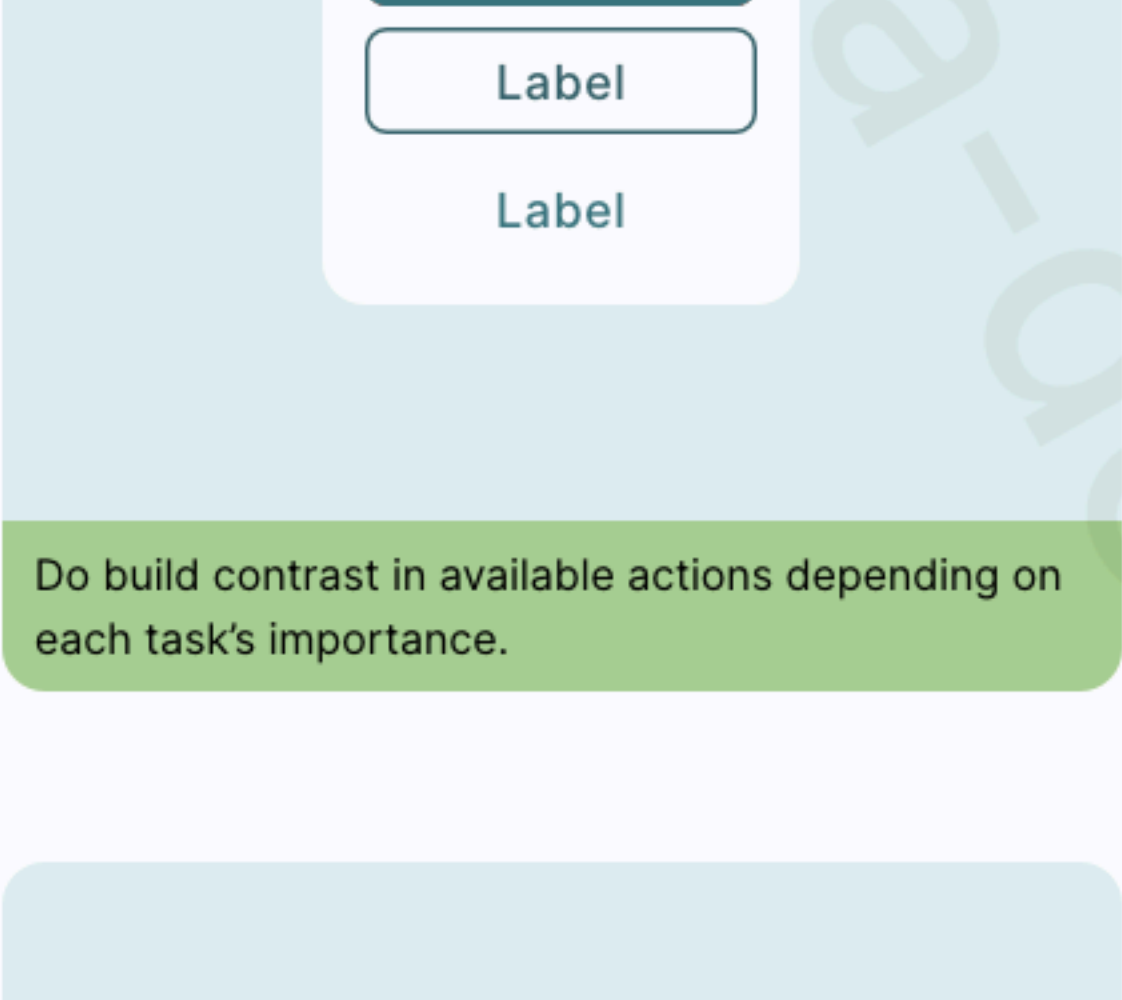
To achieve this hierarchy, there are 4 different button styles whose names are already self-explanatory:

- Primary button, which has a very strong emphasis and used for most important tasks.
- Secondary button, with a medium emphasis and for secondary tasks.
- Tertiary button, with low emphasis and for third-order tasks.
- Text button, which has a very low emphasis for additional, very unimportant tasks.



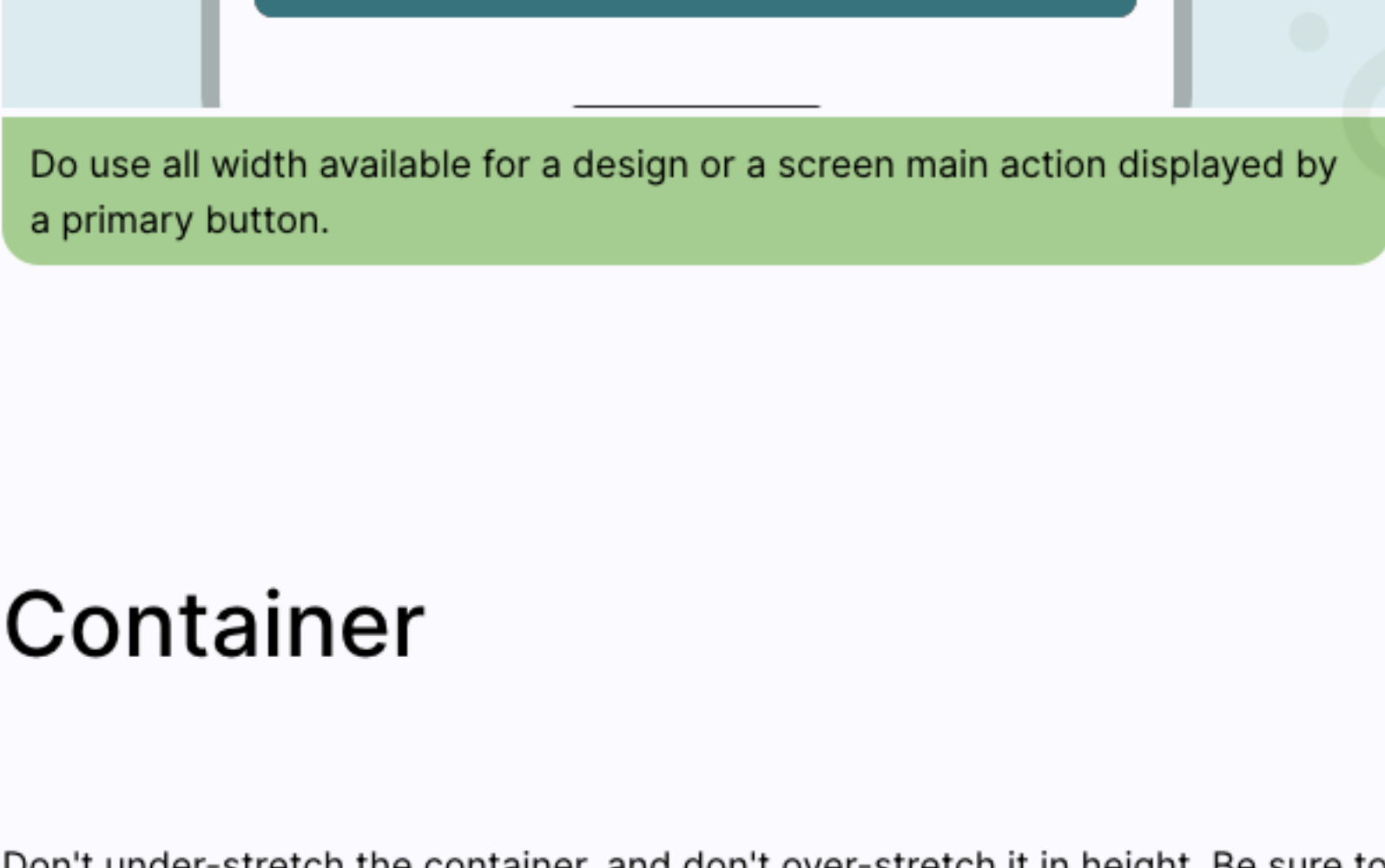
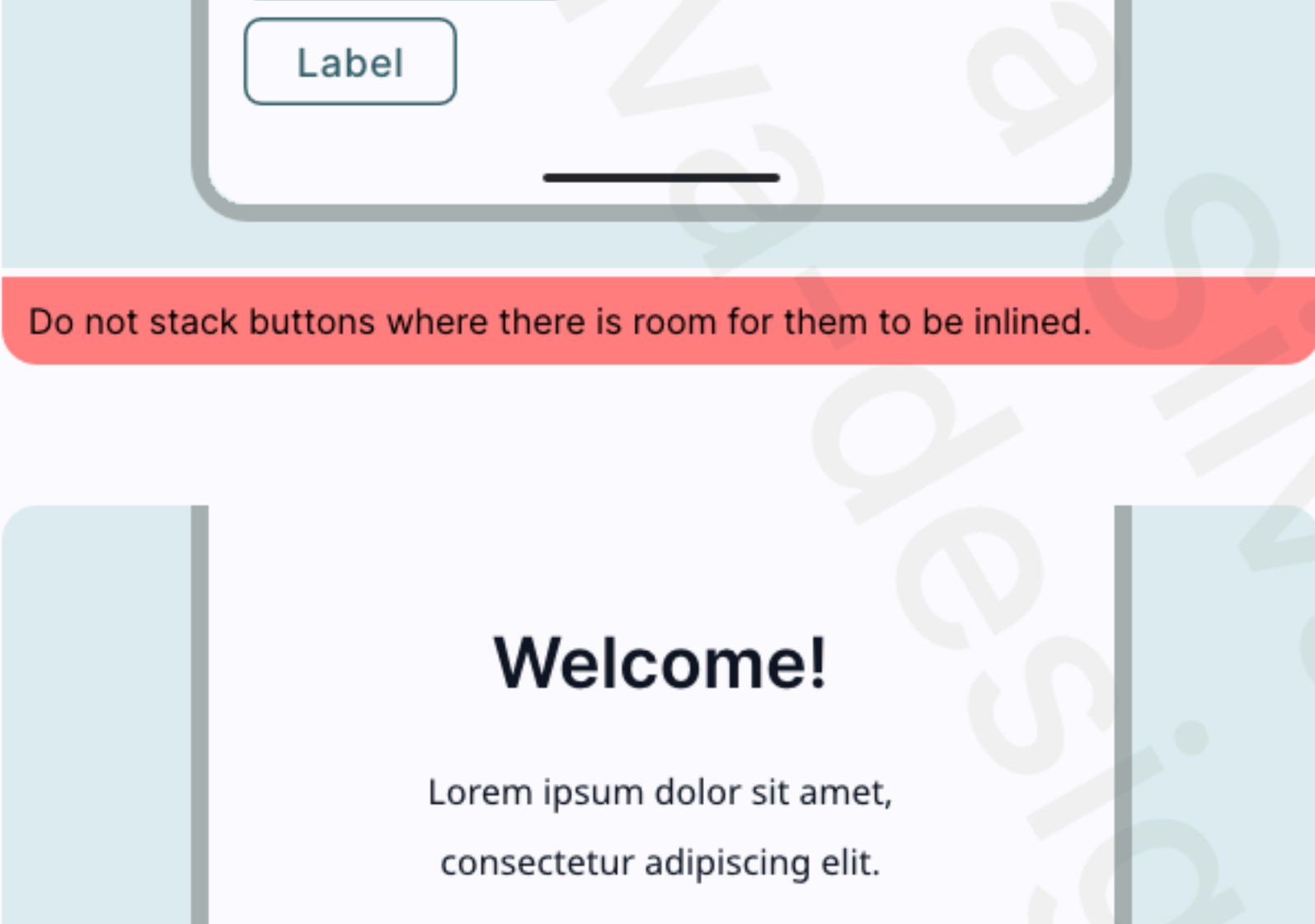
Grouping

It is not always necessary to associate buttons exactly in their hierarchical order. When expressing a task, just use the right button for the right level of importance. It is possible, for example, to have a primary button with a tertiary button or with a text button.



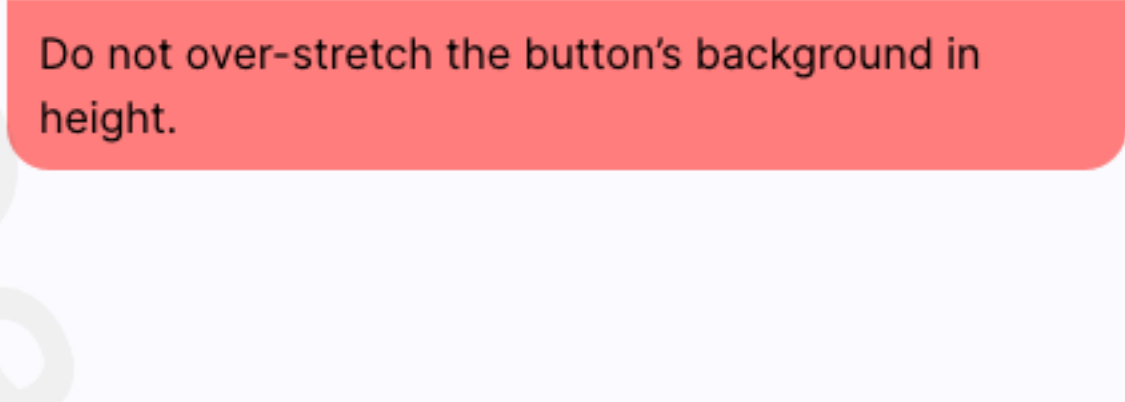
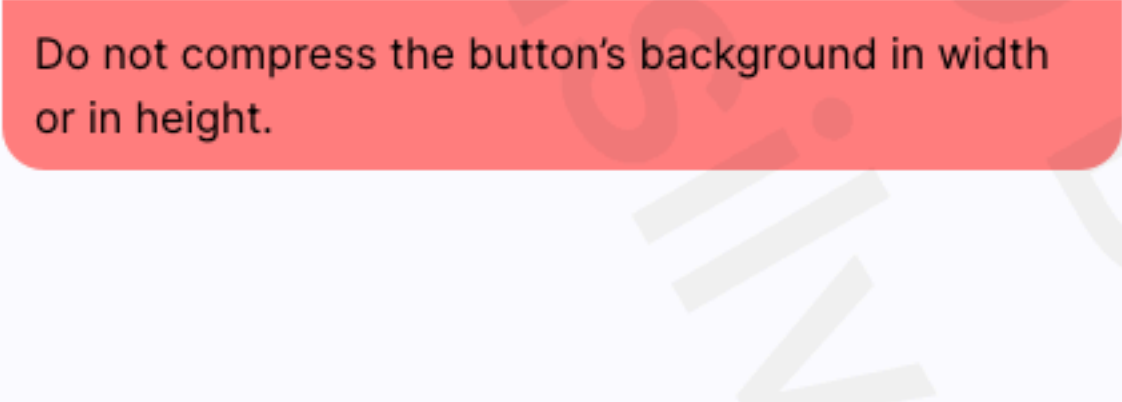
Be careful not to visually saturate the design with too many buttons; their number should be limited. When using a button, you should also check whether another component, such as a menu or navigation bar, might not be more appropriate.

Layout



Container

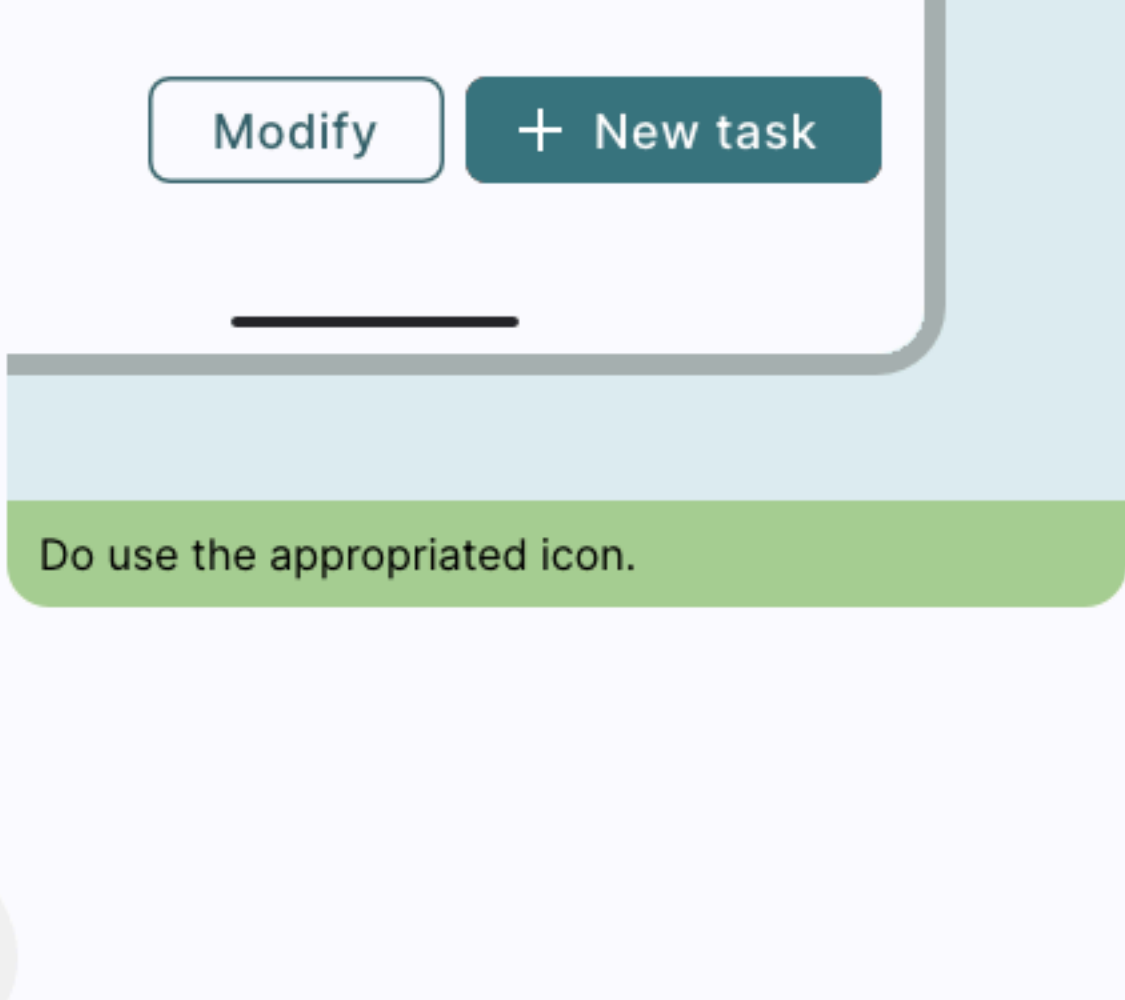
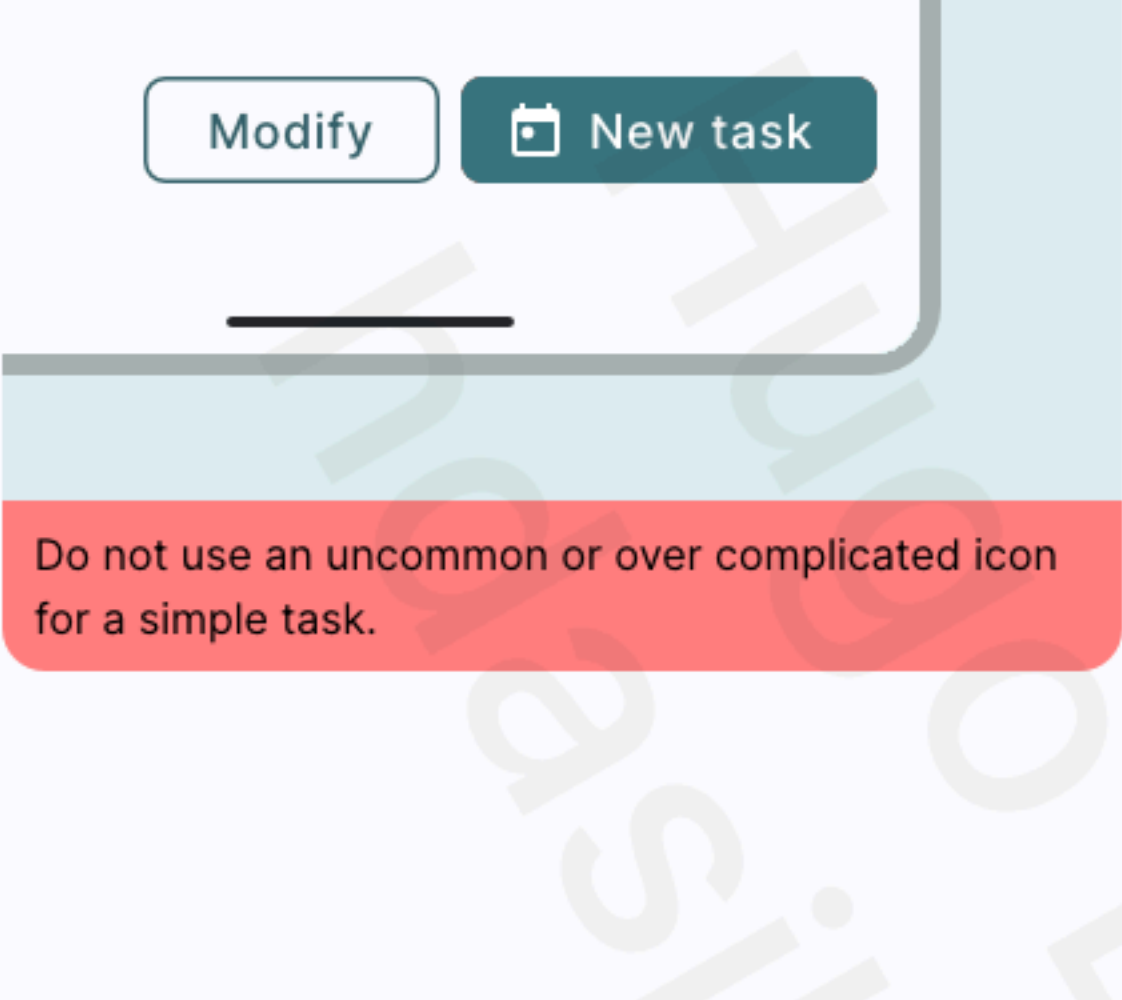
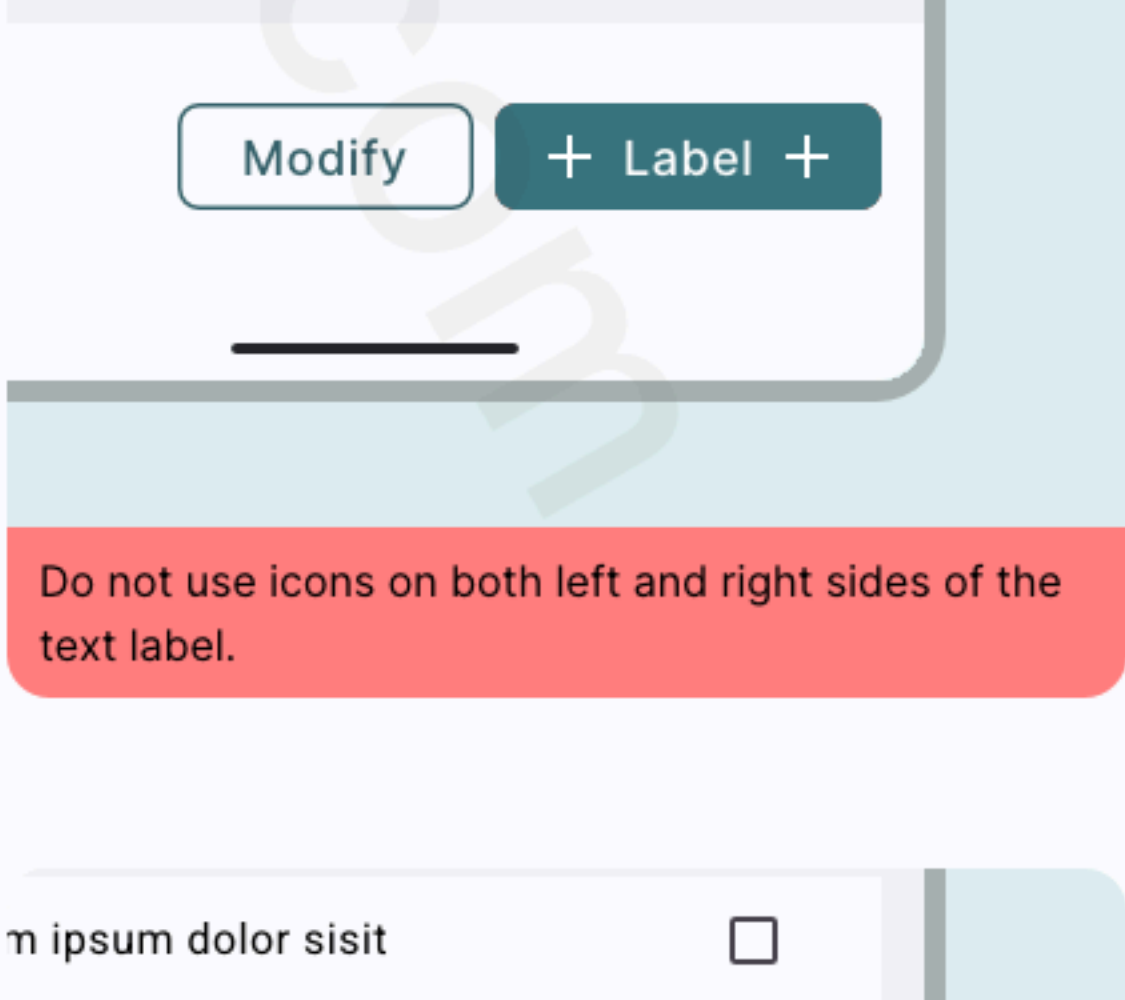
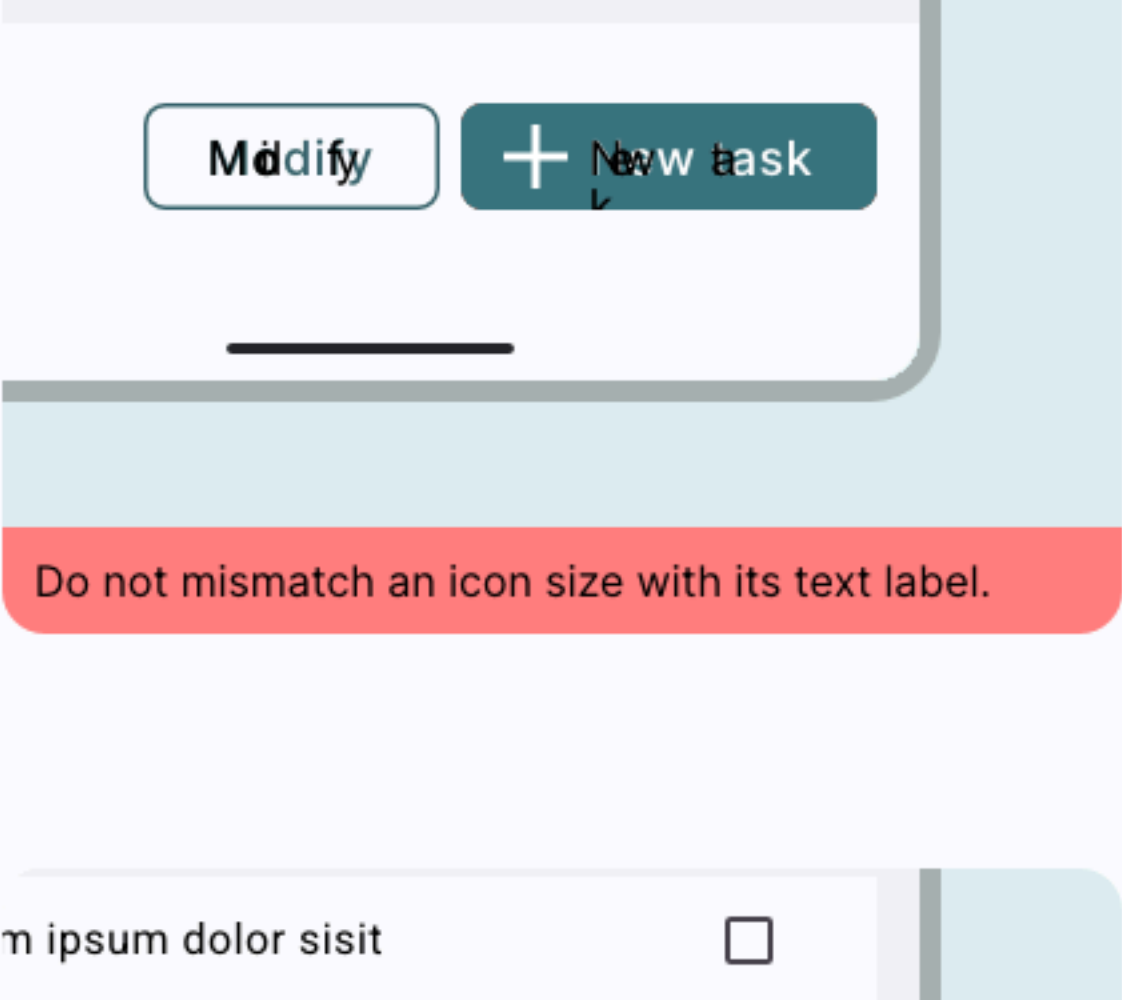
Don't under-stretch the container, and don't over-stretch it in height. Be sure to respect the padding standards for each side.



Content

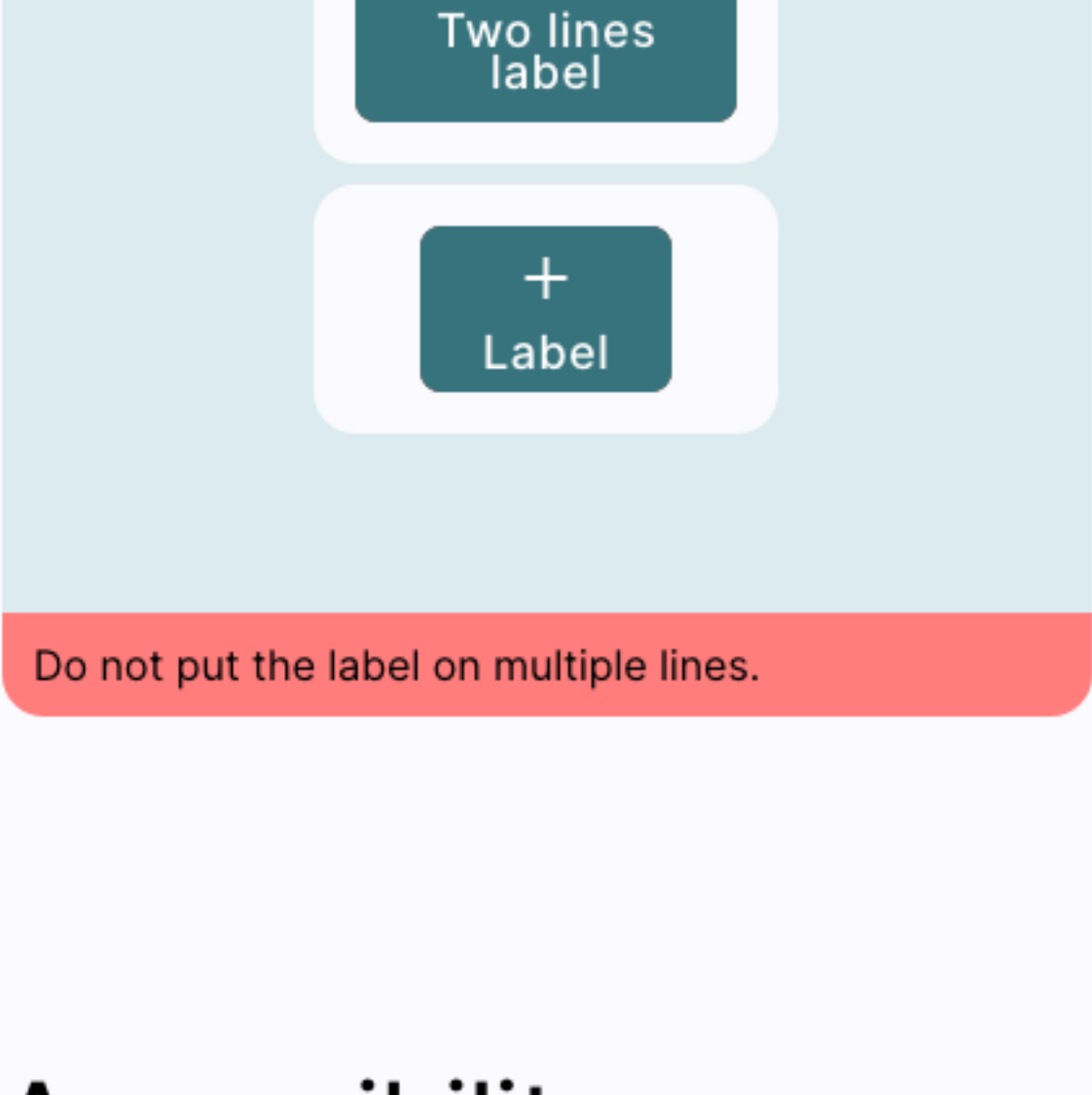
Icon

The content of a button consists first and foremost of its text, which can also be supported by an icon. It accompanies the label to enhance communication of a concept and therefore of the associated action.



Label text

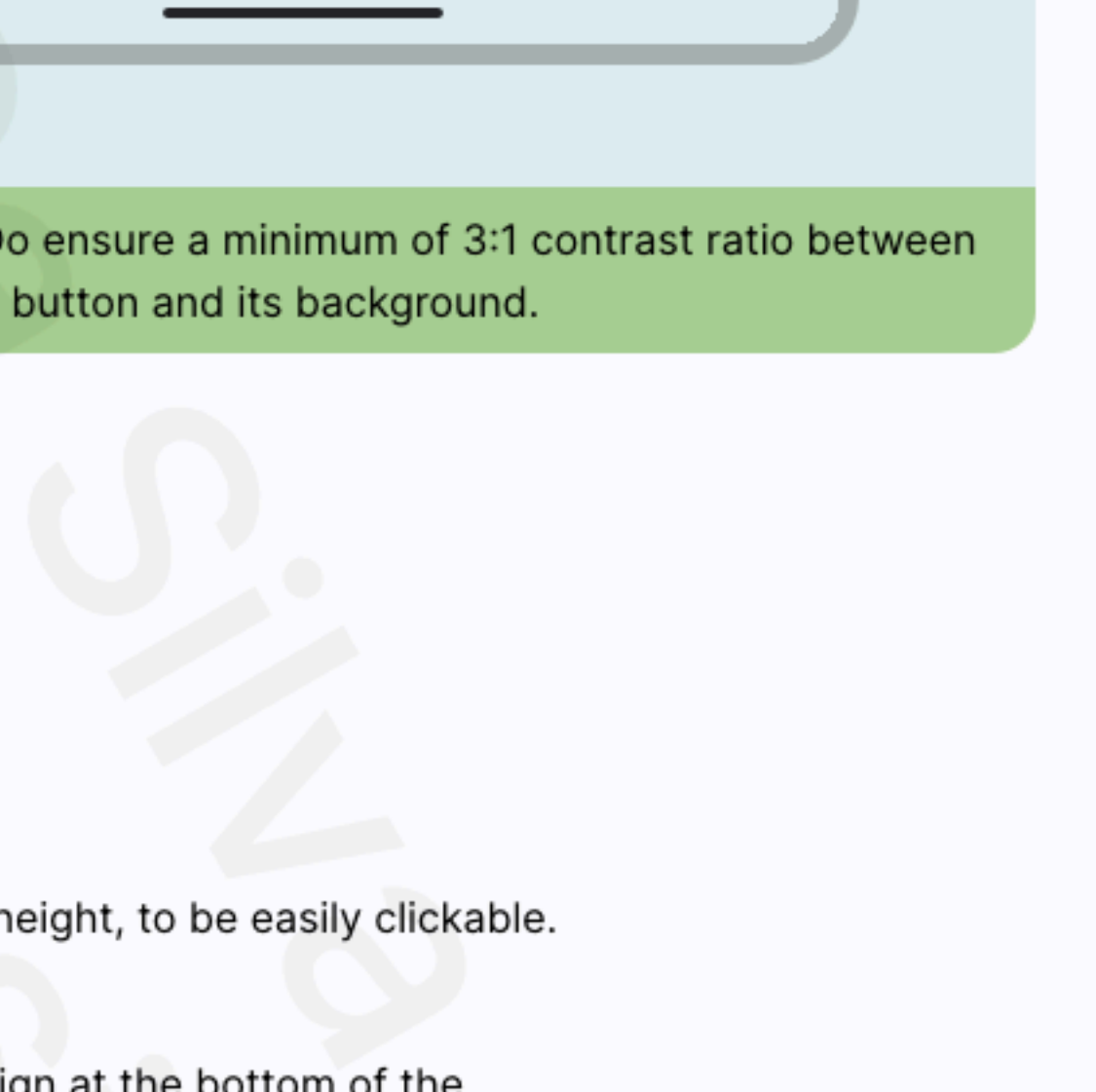
The text label in a button is extremely important for communicating its action. It must therefore be optimized for ease of use. Make sure to define a simple and intuitive label, limiting the number of characters. Use action verbs.



Accessibility

Contrast

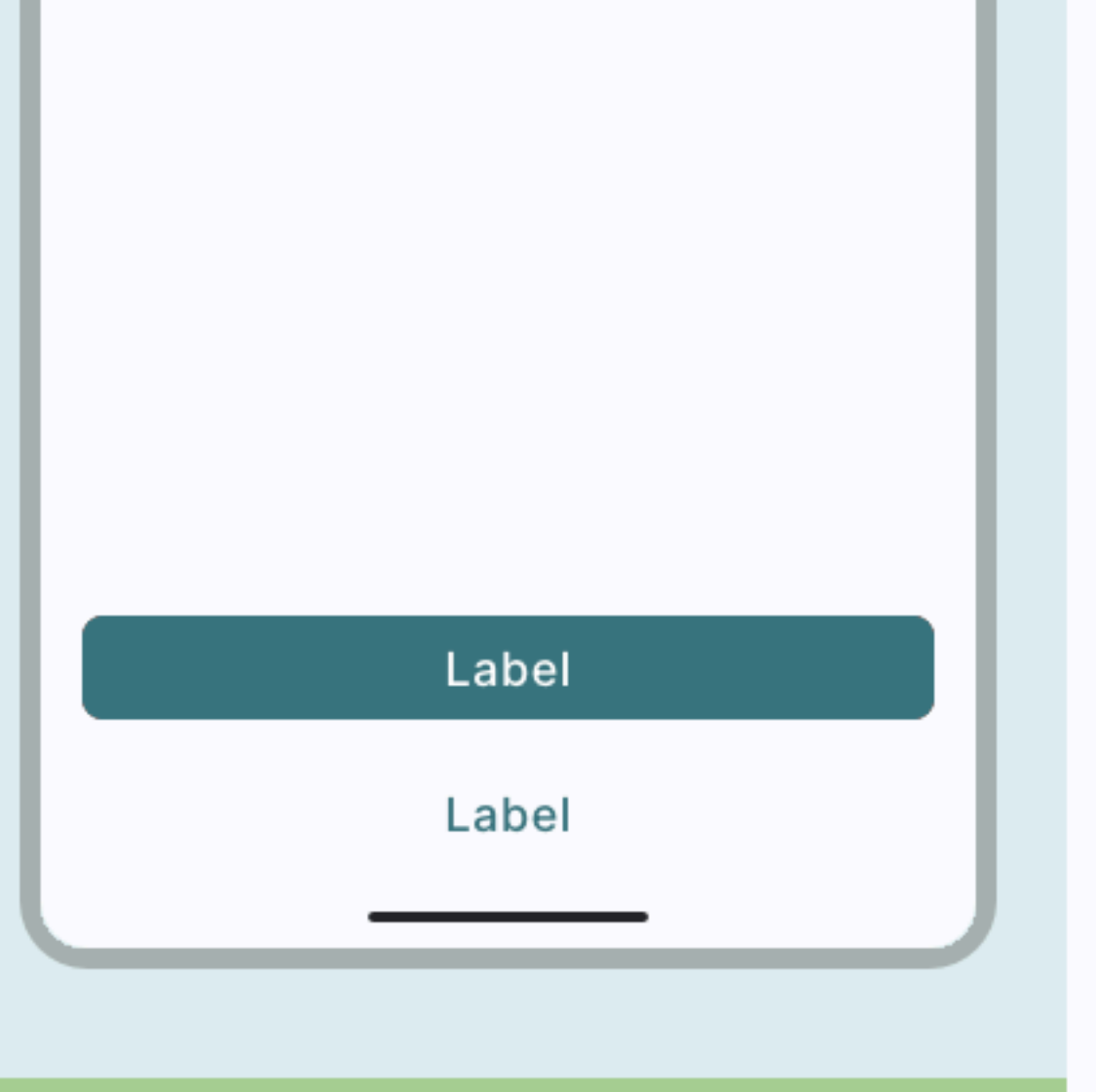
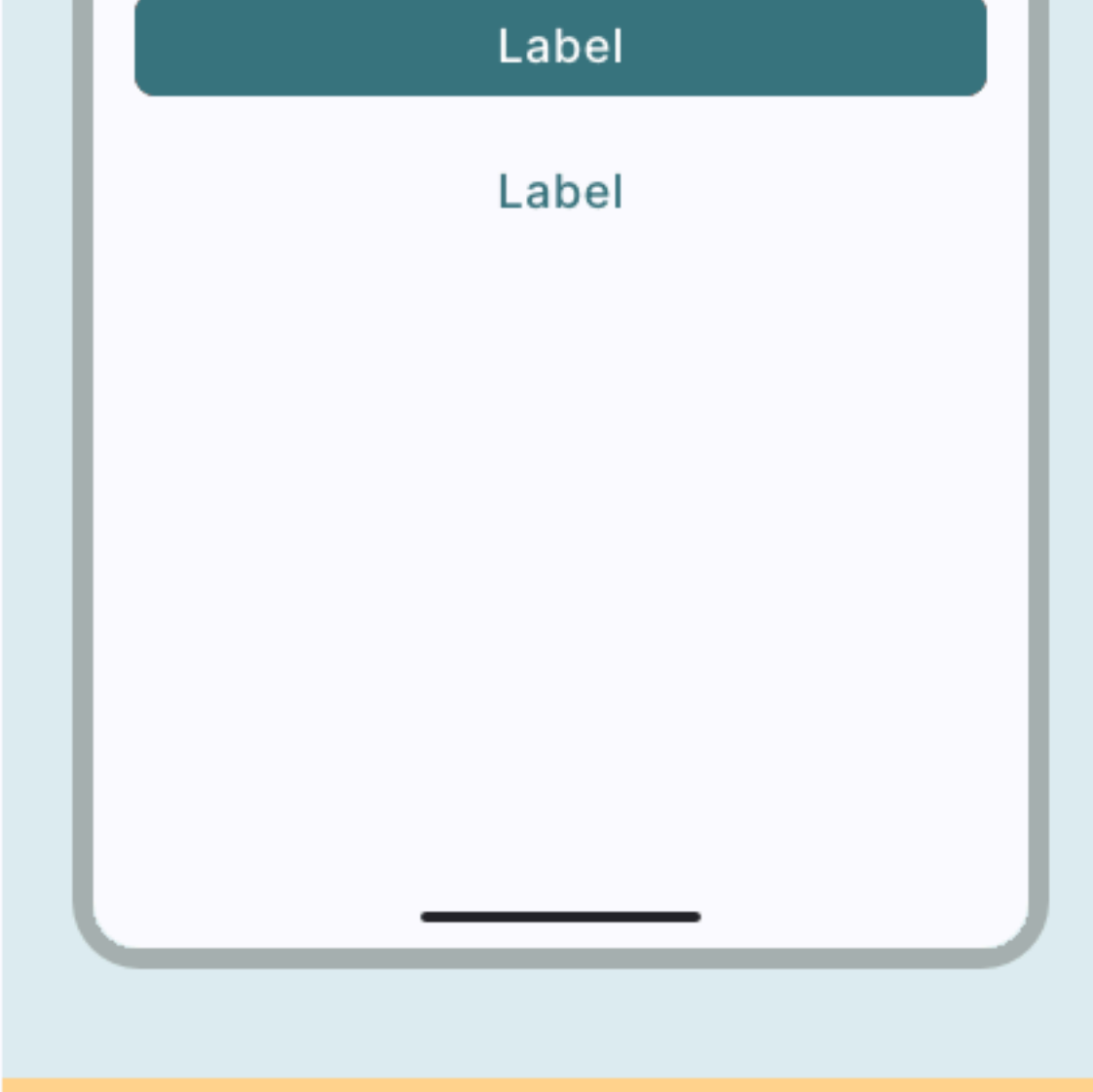
Many things affect the perception of color, including font size and weight, color brightness, screen resolution, and lighting conditions. To help people use the design in different situations, please consider increasing color contrast of visual elements. Therefore, buttons must always meet minimal contrast standards so they could be accessible.



Size and placement

Make sure that every button is wide enough, both in width and height, to be easily clickable. Interacting with controls too small can be very frustrating.

On mobile device, make sure to place the main buttons of a design at the bottom of the screen. The top of the screen may be difficult to reach in some cases.

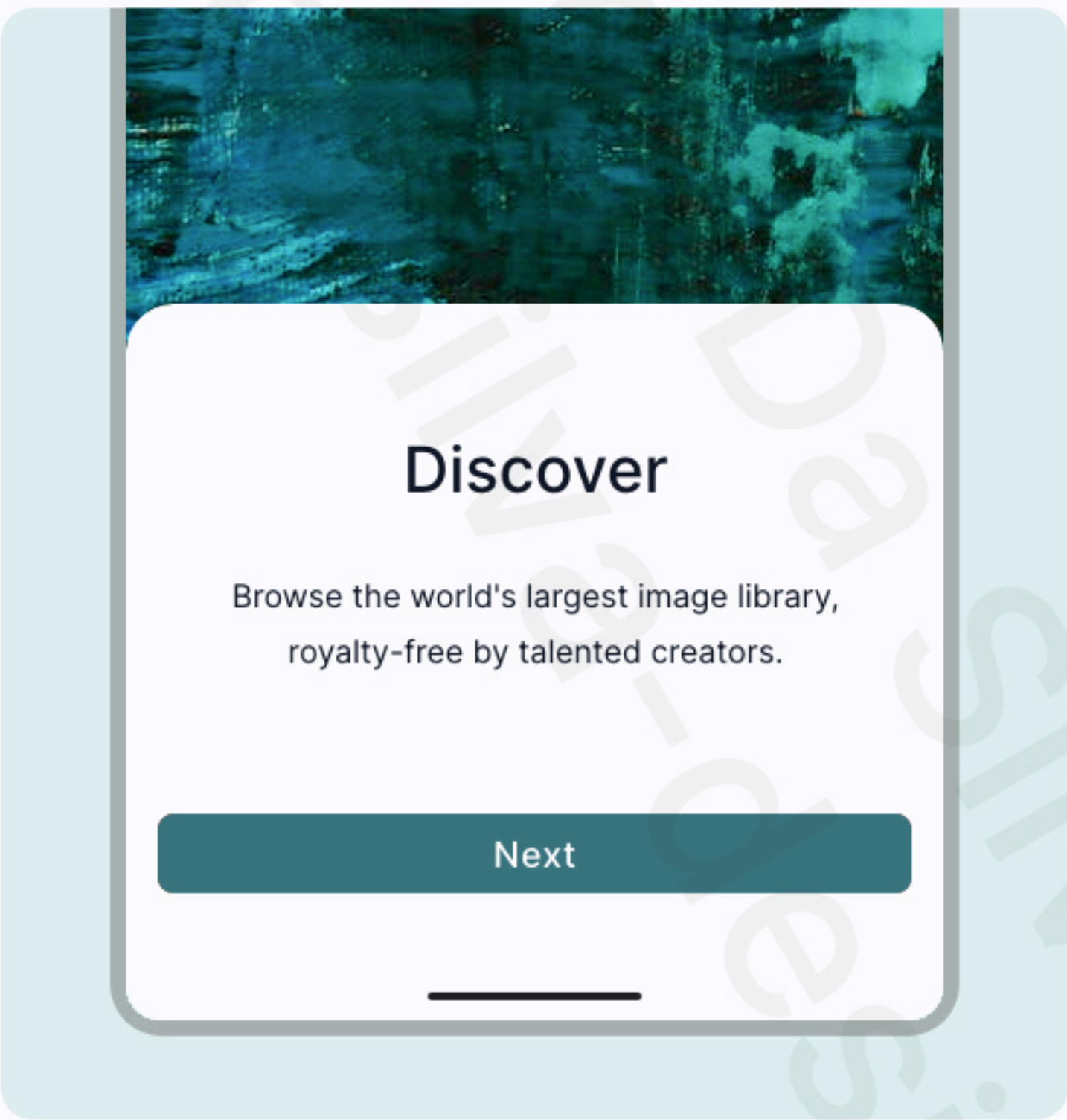


Buttons

Usage

Primary button

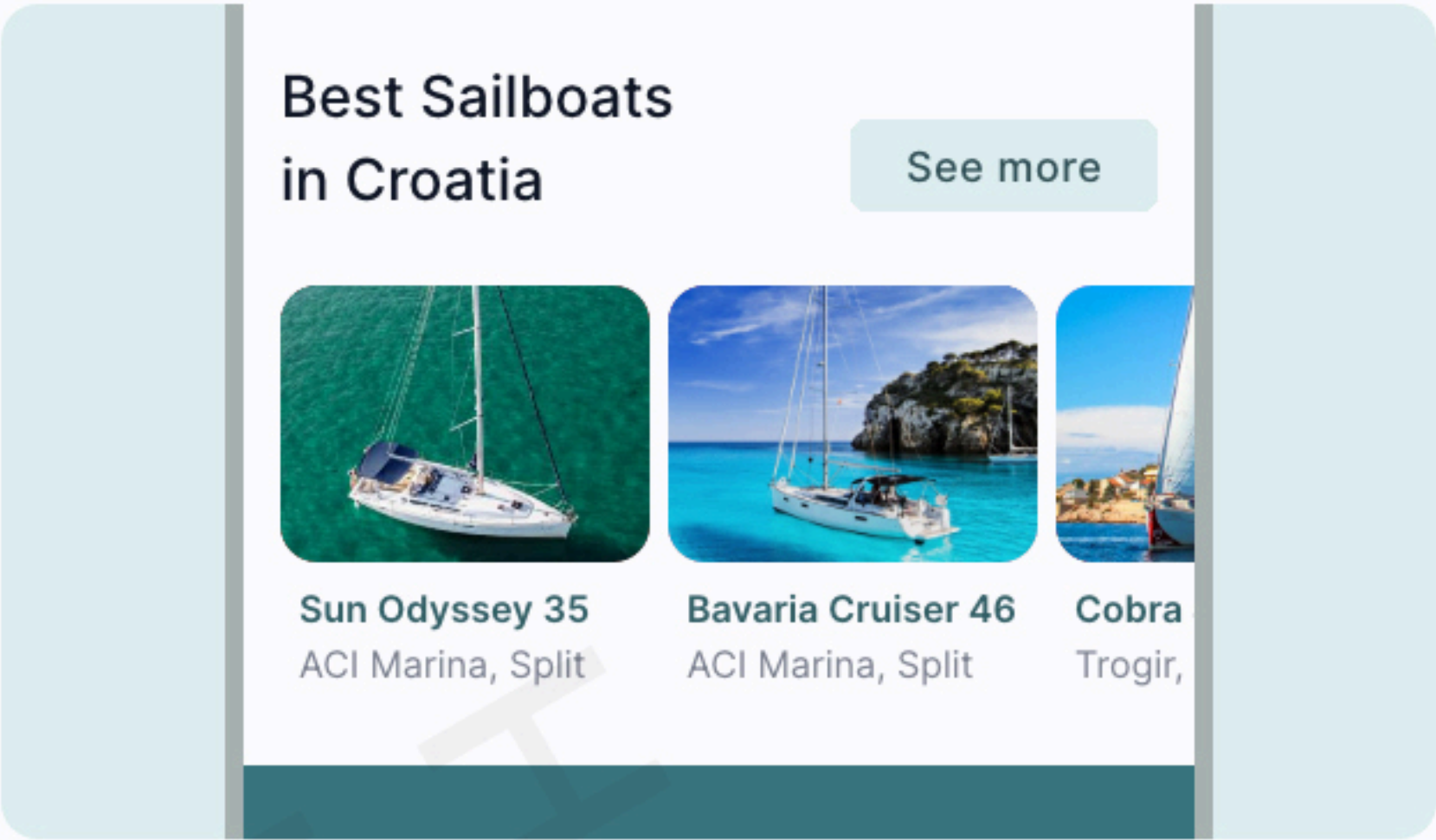
Primary buttons have the highest emphasis of all, and should be used for important or final actions in a screen. They display a text label in a filled container with plain color.



Primary buttons have a very strong emphasis as they fill all available width.

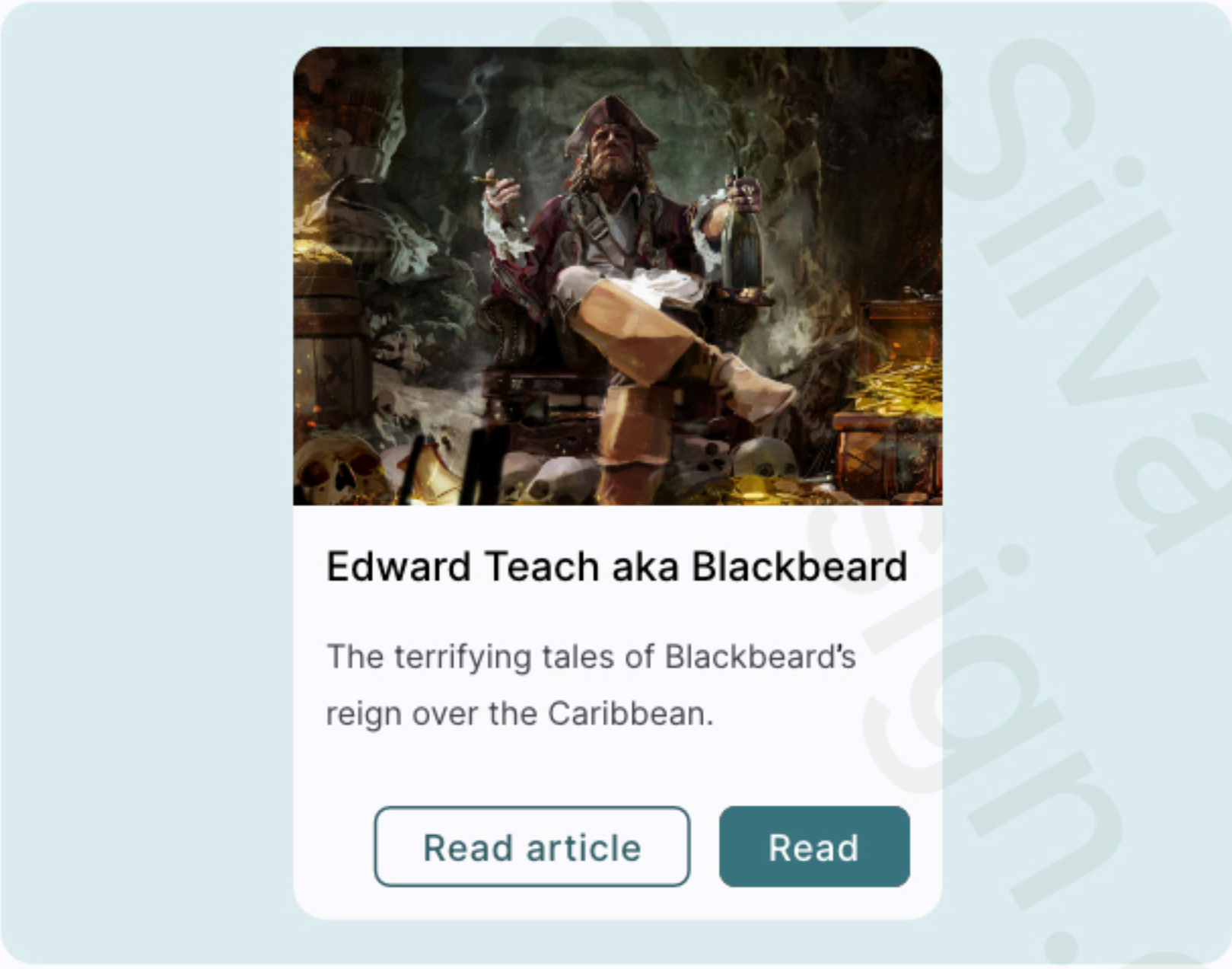
Secondary button

Secondary buttons are useful for emphasis actions between medium and slightly above medium. They are composed of a text label in a filled container with a brighter color than primary buttons.



Tertiary button

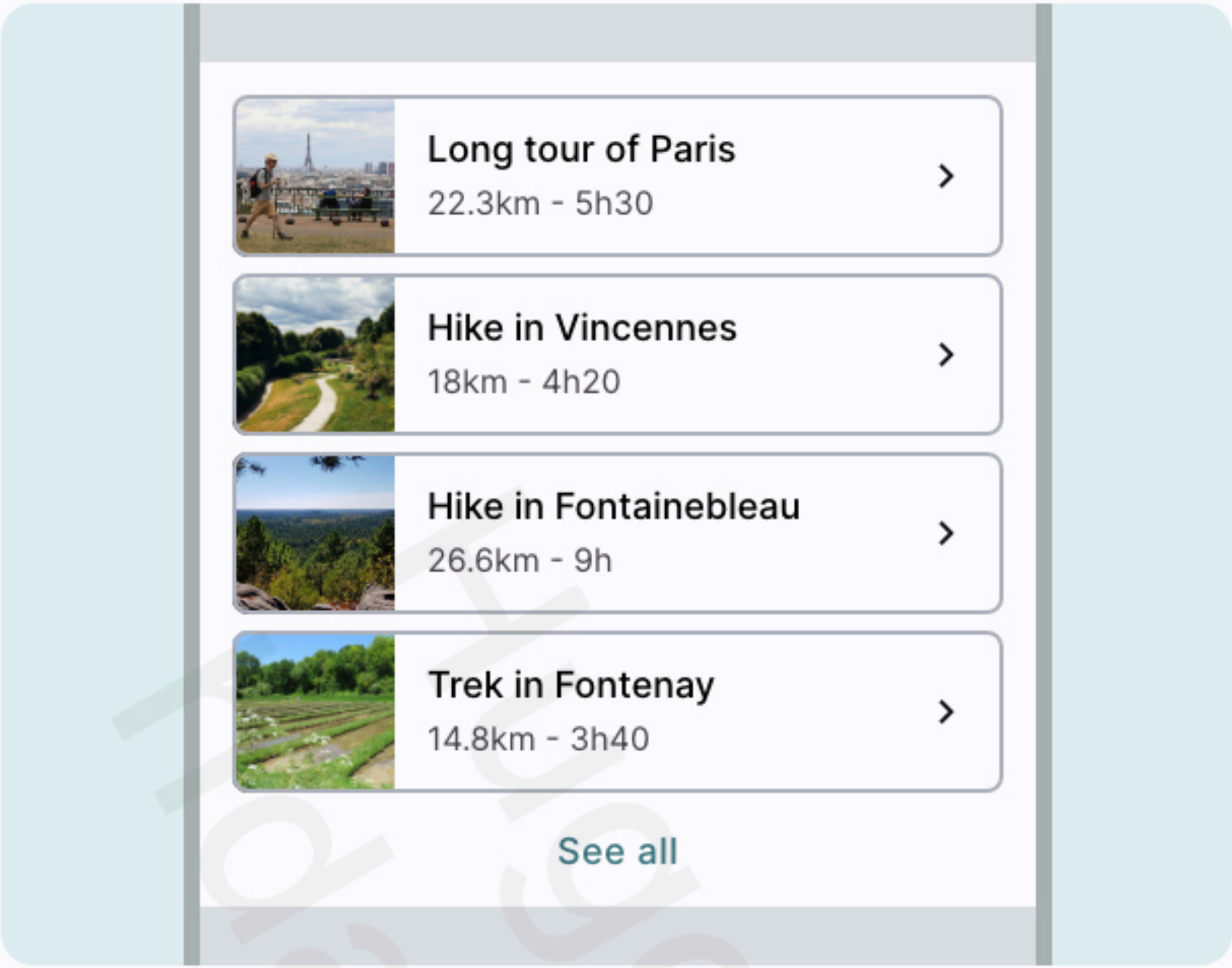
Tertiary buttons are useful for emphasis actions between low and slightly under medium. They are composed of a stroke around the button container, and by default have no fill. They therefore pair well with primary buttons by contrasting better than other buttons.



Tertiary buttons pair well with primary buttons thanks to their contrasted style.

Text button

Text buttons are the lowest emphasis buttons of all. They are useful for lowest priority actions.

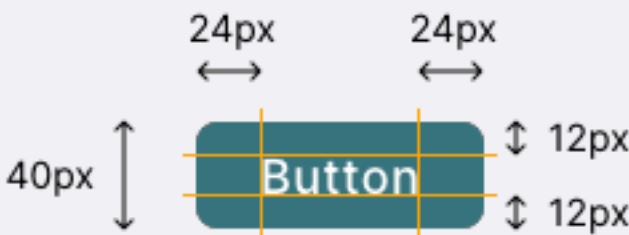


Text buttons are discreet and don't clutter the design.

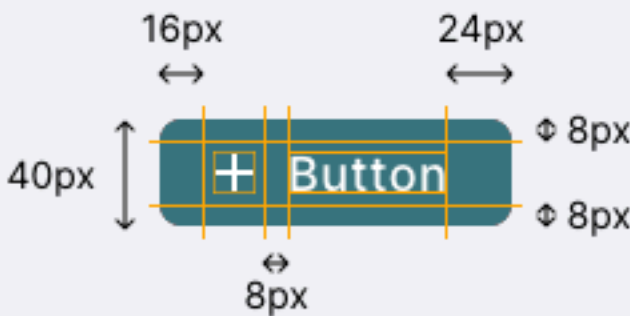
Specifications

Buttons structure

Simple button



Icon button



Simple button

ELEMENT	DESCRIPTION	VALUE/VARIABLE
Padding top	-	button-padding-top
Padding right	-	button-padding-right
Padding bottom	-	button-padding-bottom
Padding left	-	button-padding-left

Icon button

ELEMENT	DESCRIPTION	VALUE/VARIABLE
Padding top	-	button-icon-padding-top
Padding right	-	button-icon-padding-right
Padding bottom	-	button-icon-padding-bottom
Padding left	-	button-icon-padding-left
Margin	Space between text and icon	8px

Primary button

Enabled

Container

ELEMENT	DESCRIPTION	VALUE/VARIABLE
Border radius	-	button-border-radius
Height	-	40px
Color	-	button-primary-enabled-background

Icon

ELEMENT	DESCRIPTION	VALUE/VARIABLE
Size	-	16px
Color	-	button-primary-enabled-label

Label

ELEMENT	DESCRIPTION	VALUE/VARIABLE
Text style	-	button-label
Color	-	button-primary-enabled-label

Disabled

Container

ELEMENT	DESCRIPTION	VALUE/VARIABLE
Border radius	-	button-border-radius
Height	-	40px
Color	-	button-primary-disabled-background

Icon

ELEMENT	DESCRIPTION	VALUE/VARIABLE
Size	-	16px
Color	-	button-primary-disabled-label

Label

ELEMENT	DESCRIPTION	VALUE/VARIABLE
Text style	-	button-label
Color	-	button-primary-disabled-label

Hovered

Container

ELEMENT	DESCRIPTION	VALUE/VARIABLE
Border radius	-	button-border-radius
Height	-	40px
Color	-	button-primary-hovered-background

Icon

ELEMENT	DESCRIPTION	VALUE/VARIABLE
Size	-	16px
Color	-	button-primary-hovered-label

Label

ELEMENT	DESCRIPTION	VALUE/VARIABLE
Text style	-	button-label
Color	-	button-primary-hovered-label

Focused

Container

ELEMENT	DESCRIPTION	VALUE/VARIABLE
Border radius	-	button-border-radius
Height	-	40px
Color	-	button-primary-focused-background
Stroke width	-	button-focused-border-thickness
Stroke color	-	button-primary-focused-stroke

Icon

ELEMENT	DESCRIPTION	VALUE/VARIABLE
Size	-	16px
Color	-	button-primary-focused-label

Label

ELEMENT	DESCRIPTION	VALUE/VARIABLE
Text style	-	button-label
Color	-	button-primary-hovered-label

Pressed

Container

ELEMENT	DESCRIPTION	VALUE/VARIABLE
Border radius	-	button-border-radius
Height	-	40px
Color	-	button-primary-pressed-background

Icon

ELEMENT	DESCRIPTION	VALUE/VARIABLE
Size	-	16px
Color	-	button-primary-pressed-label

Label

ELEMENT	DESCRIPTION	VALUE/VARIABLE
Text style	-	button-label
Color	-	button-primary-pressed-label

Secondary button

Enabled

Container

Element	Description	Value/Variable
Border radius	-	button-border-radius
Height	-	40px
Color	-	button-secondary-enabled-background

Icon

Element	Description	Value/Variable
Size	-	16px
Color	-	button-secondary-enabled-label

Label

Element	Description	Value/Variable
Text style	-	button-label
Color	-	button-secondary-enabled-label

Disabled

Container

Element	Description	Value/Variable
Border radius	-	button-border-radius
Height	-	40px
Color	-	button-secondary-disabled-background

Icon

Element	Description	Value/Variable
Size	-	16px
Color	-	button-secondary-disabled-label

Label

Element	Description	Value/Variable
Text style	-	button-label
Color	-	button-secondary-disabled-label

Hovered

Container

Element	Description	Value/Variable
Border radius	-	button-border-radius
Height	-	40px
Color	-	button-secondary-hovered-background

Icon

Element	Description	Value/Variable
Size	-	16px
Color	-	button-secondary-hovered-label

Label

Element	Description	Value/Variable
Text style	-	button-label
Color	-	button-secondary-hovered-label

Focused

Container

Element	Description	Value/Variable
Border radius	-	button-border-radius
Height	-	40px
Color	-	button-secondary-focused-background
Stroke width	-	button-focused-border-thickness
Stroke color	-	button-secondary-focused-stroke

Icon

Element	Description	Value/Variable
Size	-	16px
Color	-	button-secondary-focused-label

Label

Element	Description	Value/Variable
Text style	-	button-label
Color	-	button-secondary-hovered-label

Pressed

Container

Element	Description	Value/Variable
Border radius	-	button-border-radius
Height	-	40px
Color	-	button-secondary-pressed-background

Icon

Element	Description	Value/Variable
Size	-	16px
Color	-	button-secondary-pressed-label

Label

Element	Description	Value/Variable
Text style	-	button-label
Color	-	button-secondary-pressed-label

Tertiary button

Enabled

Container

ELEMENT	DESCRIPTION	VALUE/VARIABLE
Border radius	-	button-border-radius
Height	-	40px
Color	-	button-tertiary-enabled-background
Stroke width	-	button-border-thickness
Stroke color	-	button-tertiary-enabled-stroke

Icon

ELEMENT	DESCRIPTION	VALUE/VARIABLE
Size	-	16px
Color	-	button-tertiary-enabled-label

Label

ELEMENT	DESCRIPTION	VALUE/VARIABLE
Text style	-	button-label
Color	-	button-tertiary-enabled-label

Disabled

Container

ELEMENT	DESCRIPTION	VALUE/VARIABLE
Border radius	-	button-border-radius
Height	-	40px
Color	-	button-tertiary-disabled-background
Stroke width	-	button-border-thickness
Stroke color	-	button-tertiary-disabled-stroke

Icon

ELEMENT	DESCRIPTION	VALUE/VARIABLE
Size	-	16px
Color	-	button-tertiary-disabled-label

Label

ELEMENT	DESCRIPTION	VALUE/VARIABLE
Text style	-	button-label
Color	-	button-tertiary-disabled-label

Hovered

Container

ELEMENT	DESCRIPTION	VALUE/VARIABLE
Border radius	-	button-border-radius
Height	-	40px
Color	-	button-tertiary-hovered-background
Stroke width	-	button-border-thickness
Stroke color	-	button-tertiary-disabled-stroke

Icon

ELEMENT	DESCRIPTION	VALUE/VARIABLE
Size	-	16px
Color	-	button-tertiary-hovered-label

Label

ELEMENT	DESCRIPTION	VALUE/VARIABLE
Text style	-	button-label
Color	-	button-tertiary-hovered-label

Focused

Container

ELEMENT	DESCRIPTION	VALUE/VARIABLE
Border radius	-	button-border-radius
Height	-	40px
Color	-	button-tertiary-focused-background
Stroke	-	button-focused-border-thickness
Stroke color	-	button-tertiary-focused-stroke

Icon

ELEMENT	DESCRIPTION	VALUE/VARIABLE
Size	-	16px
Color	-	button-tertiary-focused-label

Label

ELEMENT	DESCRIPTION	VALUE/VARIABLE
Text style	-	button-label
Color	-	button-tertiary-hovered-label

Pressed

Container

ELEMENT	DESCRIPTION	VALUE/VARIABLE
Border radius	-	button-border-radius
Height	-	40px
Color	-	button-tertiary-pressed-background
Stroke width	-	button-border-thickness
Stroke color	-	button-tertiary-pressed-stroke

Icon

ELEMENT	DESCRIPTION	VALUE/VARIABLE
Size	-	16px
Color	-	button-tertiary-pressed-label

Label

ELEMENT	DESCRIPTION	VALUE/VARIABLE
Text style	-	button-label
Color	-	button-tertiary-pressed-label

Text button

Enabled

Container

ELEMENT	DESCRIPTION	VALUE/VARIABLE
Border radius	-	button-border-radius
Height	-	40px
Color	-	-

Icon

ELEMENT	DESCRIPTION	VALUE/VARIABLE
Size	-	16px
Color	-	button-text-enabled-label

Label

ELEMENT	DESCRIPTION	VALUE/VARIABLE
Text style	-	button-label
Color	-	button-text-enabled-label

Disabled

Container

ELEMENT	DESCRIPTION	VALUE/VARIABLE
Border radius	-	button-border-radius
Height	-	40px
Color	-	-

Icon

ELEMENT	DESCRIPTION	VALUE/VARIABLE
Size	-	16px
Color	-	button-text-disabled-label

Label

ELEMENT	DESCRIPTION	VALUE/VARIABLE
Text style	-	button-label
Color	-	button-text-disabled-label

Hovered

Container

ELEMENT	DESCRIPTION	VALUE/VARIABLE
Border radius	-	button-border-radius
Height	-	40px
Color	-	-

Icon

ELEMENT	DESCRIPTION	VALUE/VARIABLE
Size	-	16px
Color	-	button-text-hovered-label

Label

ELEMENT	DESCRIPTION	VALUE/VARIABLE
Text style	-	button-text-label
Color	-	button-text-hovered-label

Focused

Container

ELEMENT	DESCRIPTION	VALUE/VARIABLE
Border radius	-	button-border-radius
Height	-	40px
Color	-	button-text-focused-background

Icon

ELEMENT	DESCRIPTION	VALUE/VARIABLE
Size	-	16px
Color	-	button-text-focused-label

Label

ELEMENT	DESCRIPTION	VALUE/VARIABLE
Text style	-	button-label
Color	-	button-text-hovered-label

Pressed

Container

ELEMENT	DESCRIPTION	VALUE/VARIABLE
Border radius	-	button-border-radius
Height	-	40px
Color	-	button-text-pressed-background

Icon

ELEMENT	DESCRIPTION	VALUE/VARIABLE
Size	-	16px
Color	-	button-text-pressed-label

Label

ELEMENT	DESCRIPTION	VALUE/VARIABLE
Text style	-	button-text-label
Color	-	button-text-pressed-label