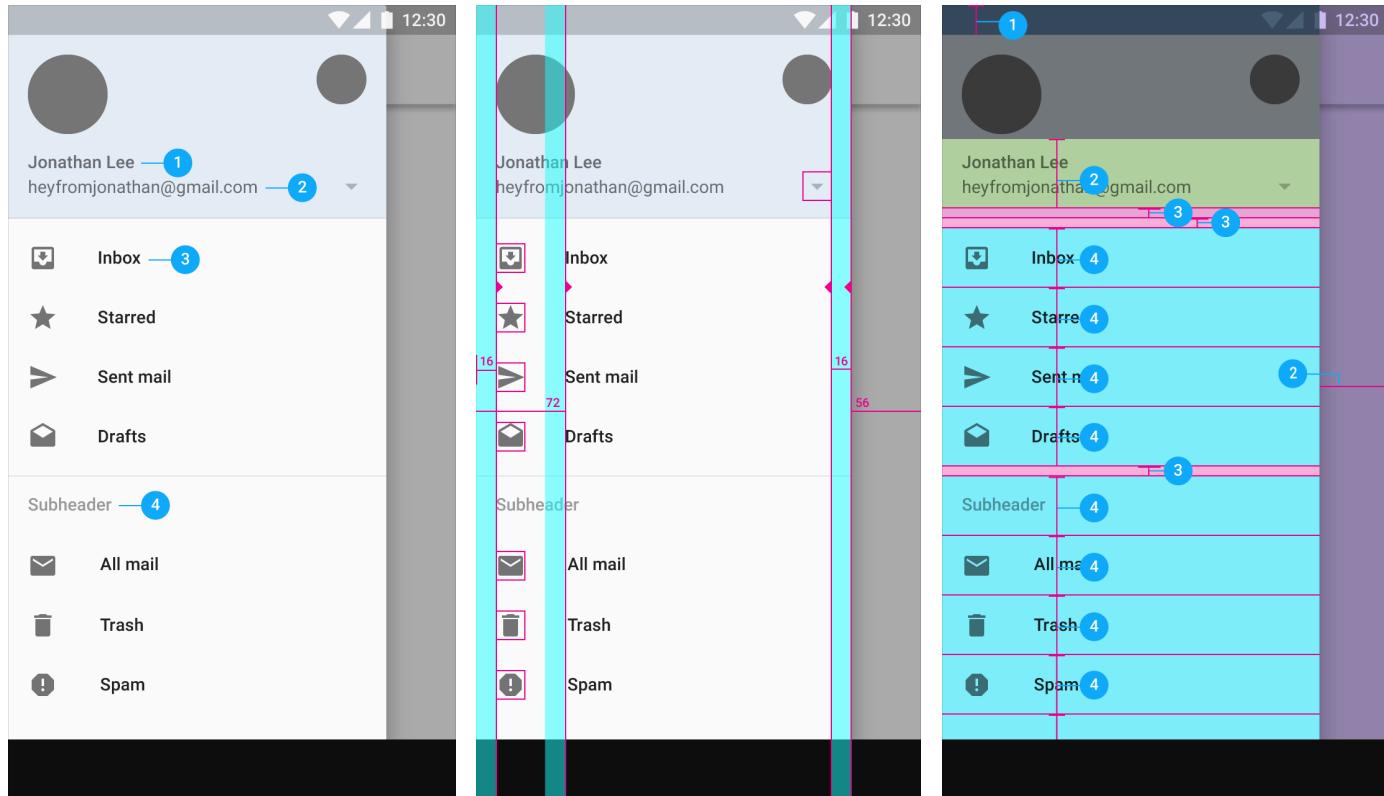




Navigation drawer

The navigation drawer slides in from the left. It is a common pattern found in Google apps and follows the keylines and metrics for lists.

Specs



Typography

1. Name: Roboto Medium, 14sp, #FFFFFF
2. Email address: Roboto Regular, 14sp, #FFFFFF
3. List item: Roboto Medium, 14sp, 87% #000000
4. Subheader: Roboto Medium, 14sp, 54% #000000. Aligns to the 16dp keyline.

Keylines and margins

Icons align at screen left and right
margins: 16dp

Icon values: 54% #000000

Content associated with an icon or
avatar left margin: 72dp

Side nav width: Equal to the screen
width minus the height of the action
bar. In the example shown this is
56dp from the right edge of the
screen. The maximum width of the
nav drawer is five times the
standard increment (56dp on
mobile and 64dp on tablet).

Use 16dp horizontal margins on
mobile and 24dp on tablet

Vertical spacing

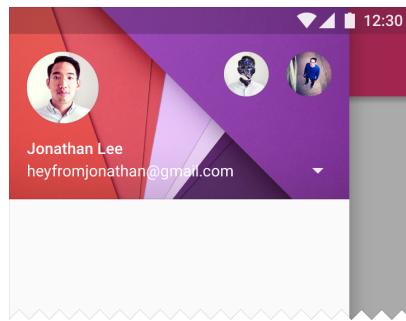
1. Status bar: 24dp
2. Subtitle: 56dp
3. Space between content areas:
8dp
4. Subtitles and list items: 48dp

Add 8dp padding at the top and
bottom of every list grouping. One
exception is at the top of a list with
a subheader, because subheaders
contain their own padding.

Content

Elevation

The nav drawer spans the full height of the screen, including behind the status bar, at a resting elevation of 16dp. Everything behind the drawer is still visible but darkened by a scrim.



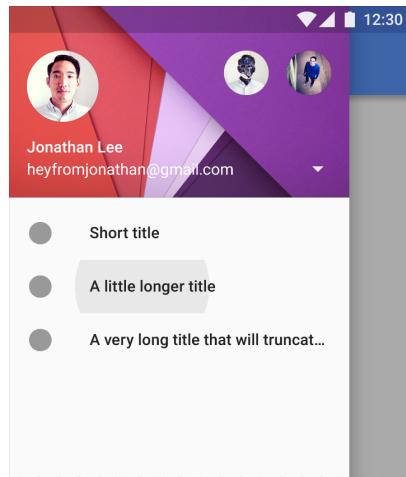
Nav drawer on Android

Selection state

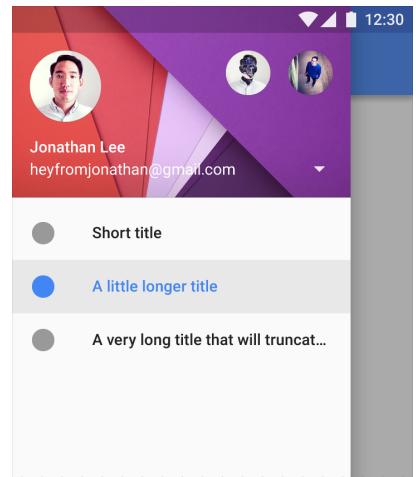
After a list item is selected, that item changes color to match the app's primary color (or #000000 100%) to indicate selection.

Additionally, the touch ripple highlights the row of that list item.

If the color of the touch ripple/highlight doesn't contrast enough with your primary color, use a darker tint of the primary color.



List item selected



Touch ripple/highlight

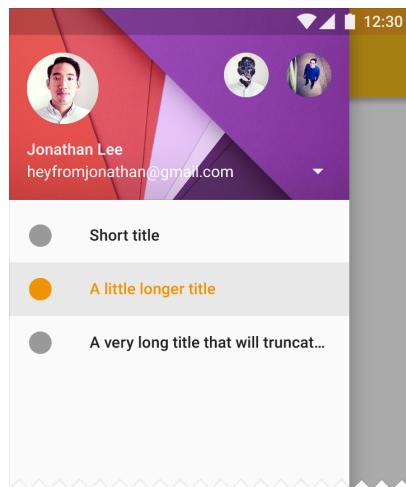




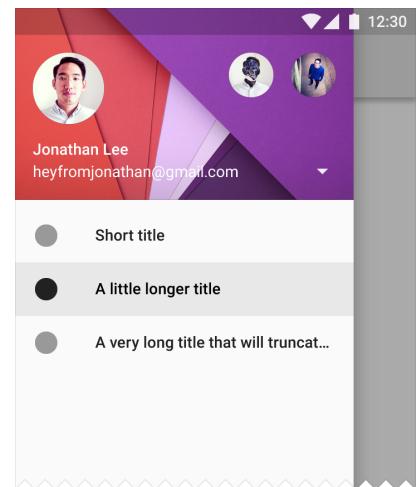
Touch ripple/highlight



Touch ripple/highlight



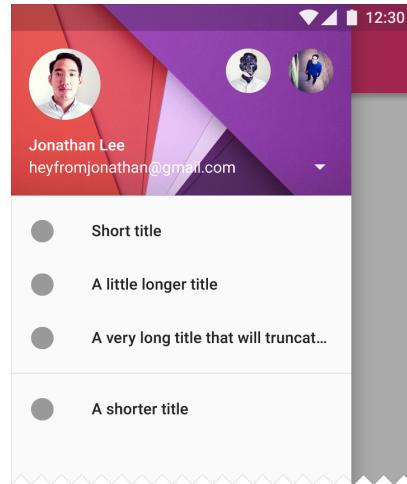
Touch ripple/highlight



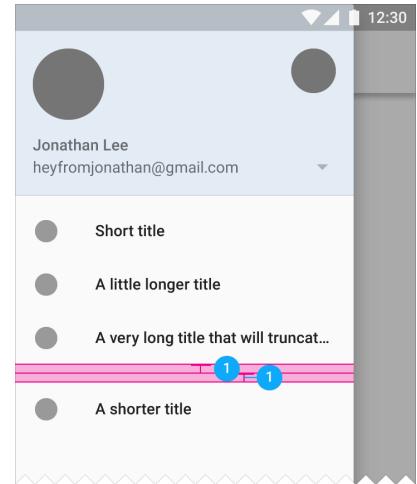
Touch ripple/highlight

Dividers

All dividers in the nav drawer are full-bleed within the drawer, 8dp padding above and below each divider.



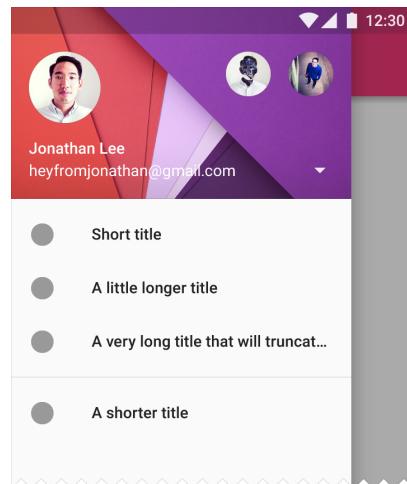
Example of a divider



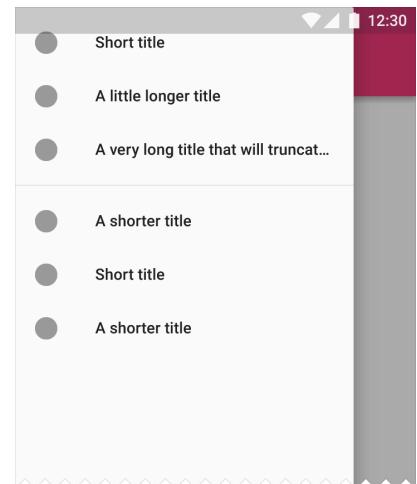
8dp vertical spacing

Scrolling

The navigation drawer scrolls in the same way a view scrolls.



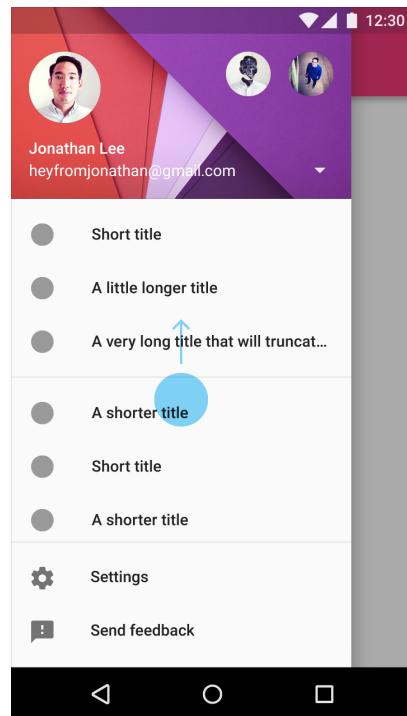
Navigation drawer before scrolling



Navigation drawer during scrolling

Settings and support

Settings and support are located at the bottom of the scrolling list, inline with the rest of the list content. They refer to Help, Feedback, or Help & feedback, depending on what your product offers.



Settings and support are located at the bottom of the scrolling list.

Behavior

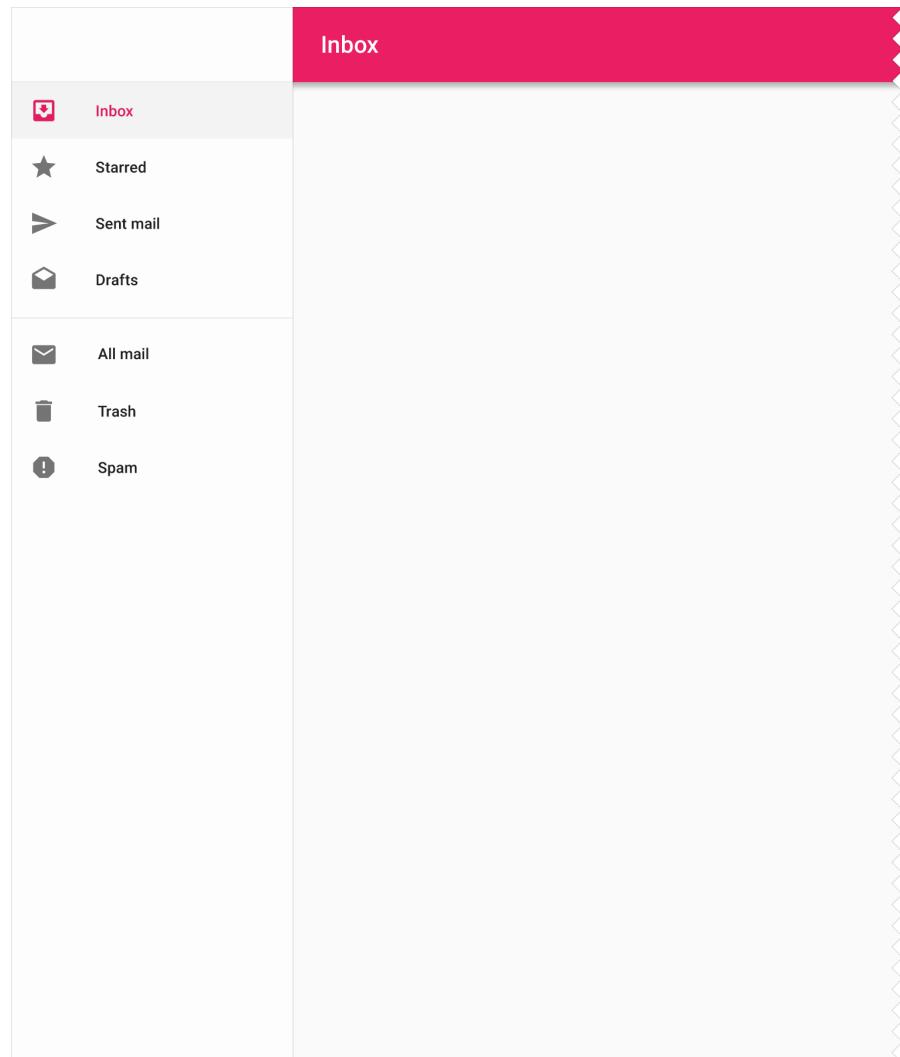
Permanent

Recommended default for desktop

Permanent navigation drawers are always visible and pinned to the left edge, at the same elevation as the content or background. They cannot be closed.

The threshold for pinning is calculated using these minimum values:

1. Side nav width
2. Content width
3. Content padding



Types of permanent navigation drawers

The structure and behavior of the overall interface determines which type of permanent navigation drawer to use:

- **Full-height navigation drawer:** Apps focused on information consumption that use a left-to-right hierarchy

- **Navigation drawer clipped under the app bar:**

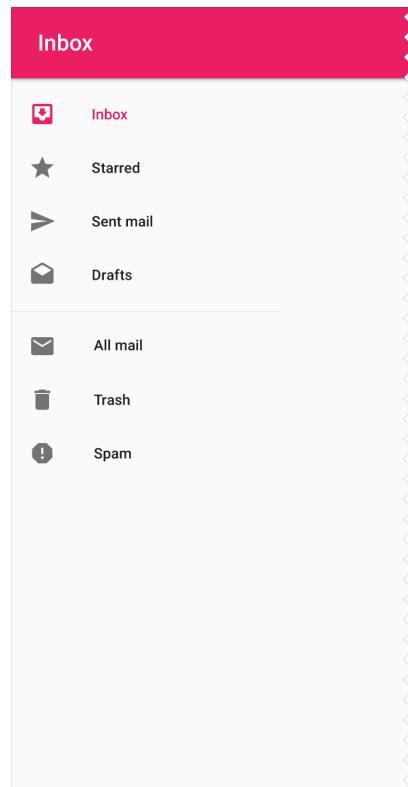
bar: Apps focused on productivity that require balance across the screen

- **Floating navigation drawer:** Apps that require less hierarchy

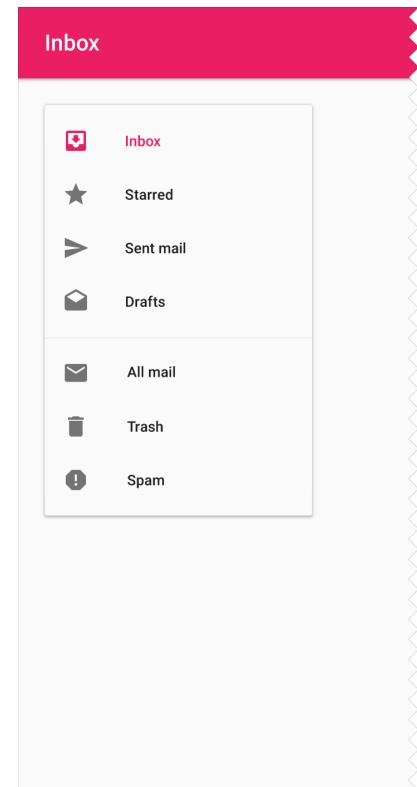
Title	Inbox
 Inbox	 Inbox
 Starred	 Starred
 Sent mail	 Sent mail
 Drafts	 Drafts
 All mail	 All mail
 Trash	 Trash
 Spam	 Spam

Example of a permanent, full-height drawer

Example of a permanent, clipped drawer



Example of a permanent,
floating drawer



Example of a permanent,
floating drawer in card
mode

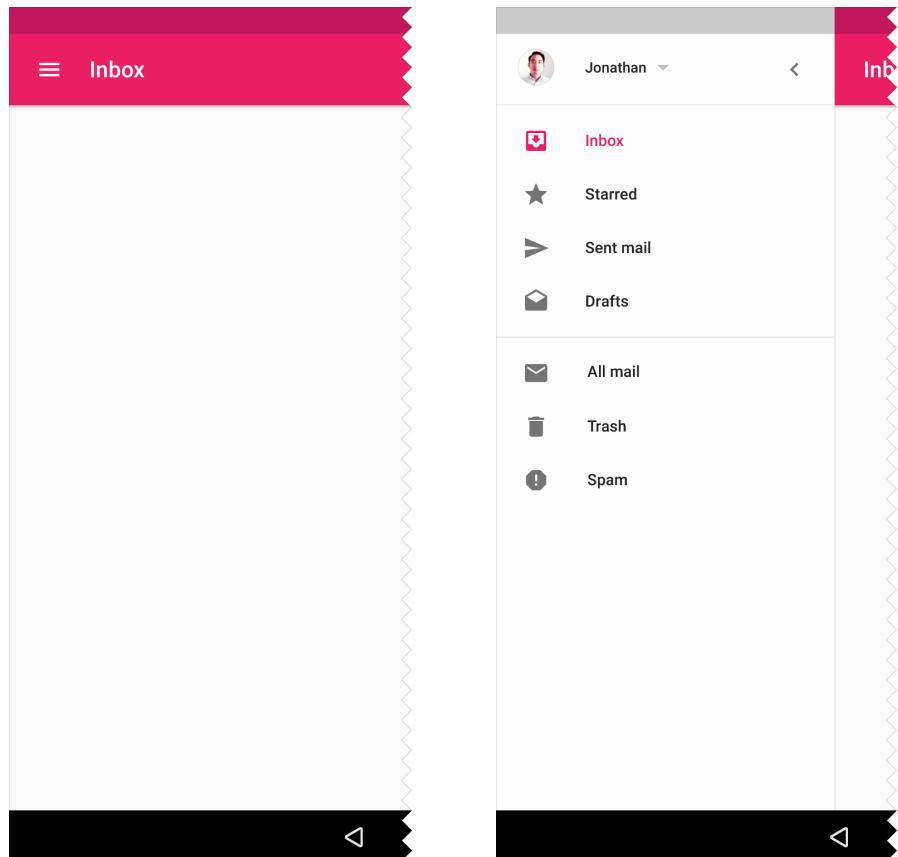
Persistent

Persistent navigation drawers can toggle open or closed. The drawer sits on the same surface elevation as the content. It is closed by default and opens by selecting the menu icon, and stays open until closed by the user. The state of the drawer is remembered from action to action and session to session.

Sitting outside of the page grid, when opened the drawer forces other content to change size and adapt to the smaller viewport.

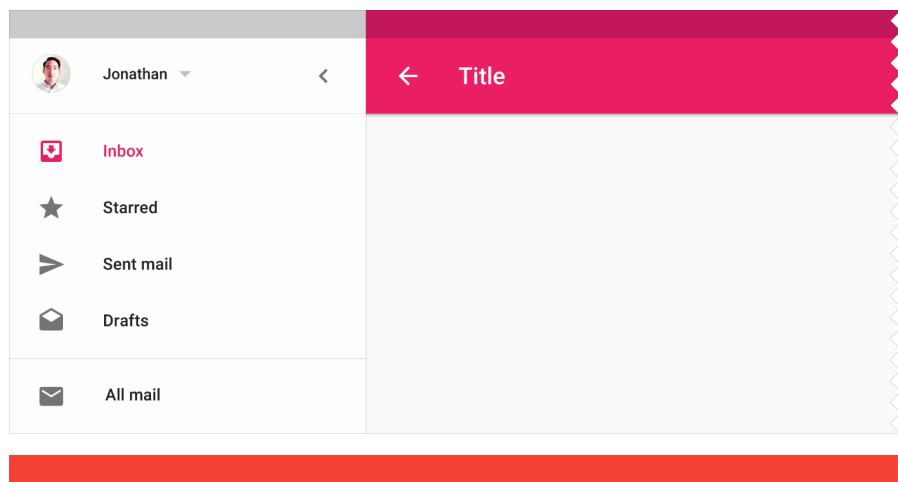
Persistent navigation drawers are acceptable for all sizes larger than mobile.

Persistent navigation drawers are not recommended for apps with multiple levels of hierarchy that require using an up arrow for navigation.



Example of a closed persistent drawer

Example of an open persistent drawer



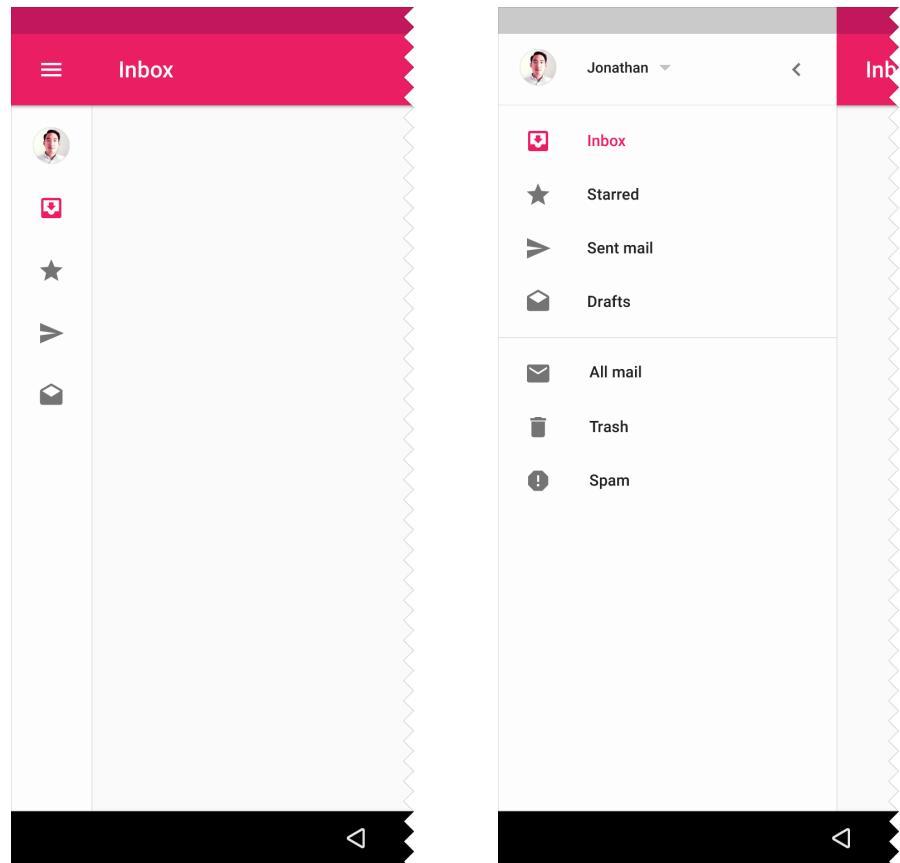
Don't.

Mini variant

In this variation, the persistent navigation drawer changes its width. Its resting state is as a mini-drawer at the same elevation as the content, clipped by the app bar. When expanded, it appears as the standard persistent navigation drawer.

Recommended for:

Apps sections that need quick selection access alongside content



Example of a mini drawer

Example of open persistent drawer

Temporary

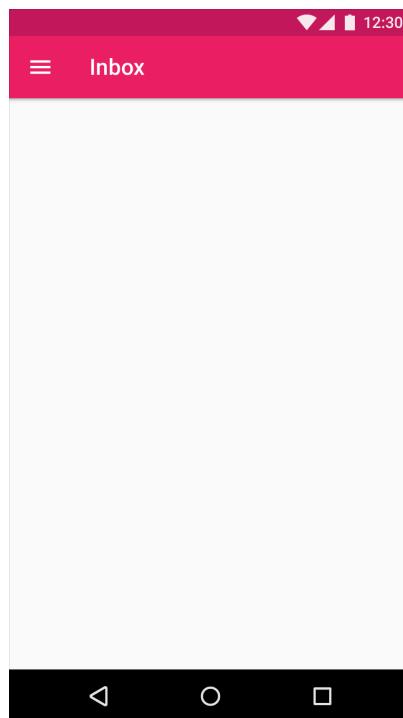
Temporary navigation drawers can toggle open or closed. Closed by default, the drawer opens temporarily above all other content until a section is selected.

Recommended for:

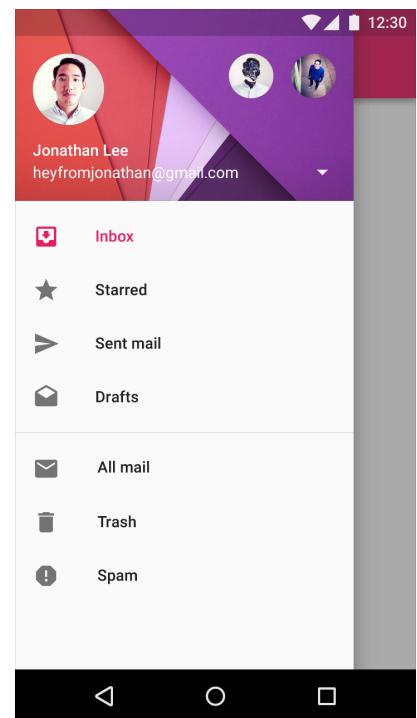
Tablet

Required for:

Mobile

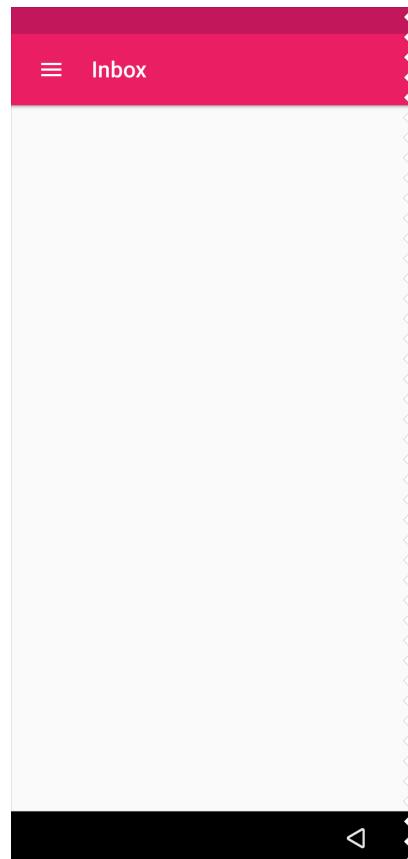


Example of a closed temporary drawer on mobile

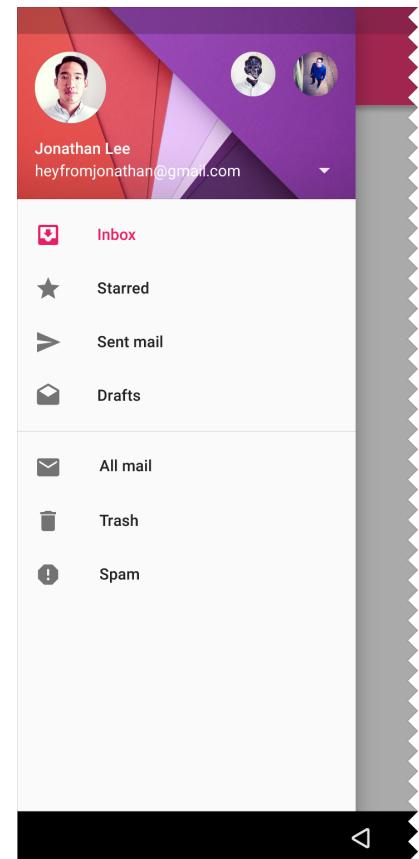


Example of an open temporary drawer on mobile

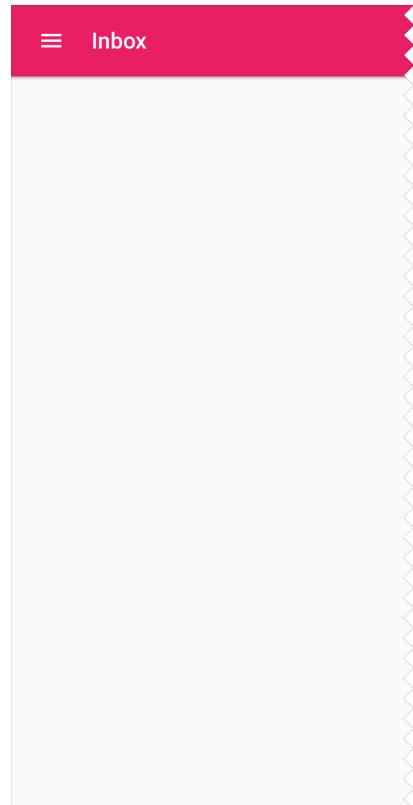
The mini variant is also an acceptable closed state for a temporary navigation drawer.



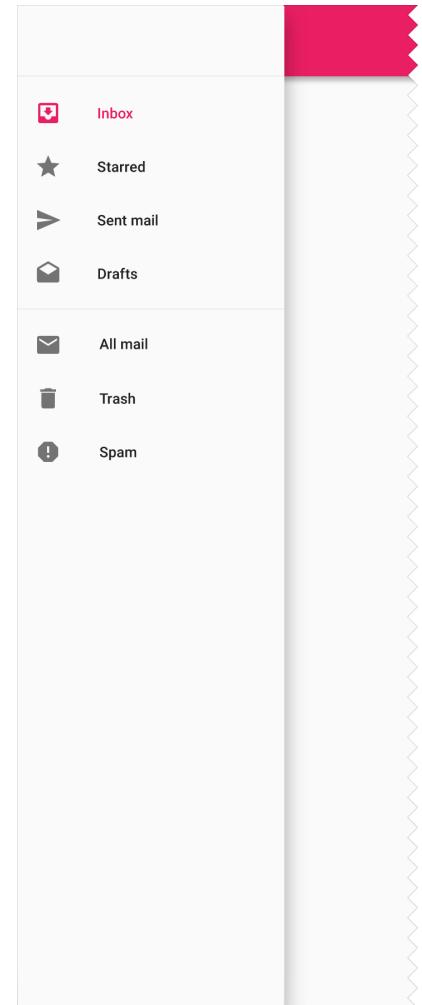
Example of a closed temporary drawer on tablet



Example of an open temporary drawer on tablet



Example of a closed temporary
drawer on desktop



Example of an open temporary
drawer on desktop