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Accessibility

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Flutter is committed to supporting developers who want to make their apps more accessible: usable by as many people as possible, including those with disabilities such as blindness or motor impairment.

Flutter supports three components for accessibility support:

[Large fonts](#)

Render text widgets with user-specified font sizes

[Screen readers](#)

Communicate spoken feedback about UI contents

[Sufficient contrast](#)

Render widgets with colors that have sufficient contrast

Inspecting accessibility support

Details of these are discussed below. In addition to testing for these specific topics, we recommend using automated accessibility scanners:

- For Android:
 1. Install the [Accessibility Scanner](#) for Android
 2. Enable the Accessibility Scanner from **Android Settings > Accessibility > Accessibility Scanner > On**
 3. Navigate to the Accessibility Scanner ‘checkbox’ icon button to initiate a scan
- For iOS:
 1. Open the **iOS** folder of your Flutter app in Xcode
 2. Select a Simulator as the target, and click **Run** button
 3. In Xcode, select **Xcode > Open Developer Tools > Accessibility Inspector**
 4. In the Accessibility Inspector, select **Inspection > Enable Point to Inspect**, and then select the various user interface elements in running Flutter app to inspect their accessibility attributes
 5. In the Accessibility Inspector, select **Audit** in the toolbar, and then select **Run Audio** to get a report of potential issues

Large fonts

Both Android and iOS contain system settings to configure the desired font sizes used by apps. Flutter text widgets respect this `TextScaler` setting when determining font sizes.

Tips for developers

Font sizes are calculated automatically by Flutter based on the OS setting. However, as a developer you should make sure your layout has enough room to render all its contents when the font sizes are increased. For example, you can test all parts of your app on a small-screen device configured to use the largest font setting.

Example

The following two screenshots show the standard Flutter app template rendered with the default iOS font setting, and with the largest font setting selected in iOS accessibility settings.

