

Android Inverting Screen Colours on Samsung Devices



Do you struggle with glare when reading text on your Samsung device (Smartphone or Tablet)? Or do you just find black text on a white background to be difficult to read? Well, if the answer to either of these questions is "Yes", then you might benefit from the Colour Inversion feature!

What is Colour Inversion?

Colour Inversion is an Accessibility feature that is built-in to all Android Smart Phones and Tablets. It is designed to make viewing the contents of the screen a little easier in certain light conditions by reversing the foreground and background colours.

Turning on Colour Inversion

To turn on Colour Inversion on your Samsung device, follow these suggested steps:

Note 1: It is possible to turn Colour Inversion on and off using an Accessibility Shortcut that involves pressing the Side and Volume Up buttons on your device. However, this feature is not enabled by default. Instructions for enabling the Accessibility Shortcut are given later in this document.

1. From the Home Screen, activate the Apps icon. This is usually situated at the bottom of the screen, towards the right corner. Upon doing this, the Apps screen will be displayed.

Note 2: An alternative method of displaying the App Screen, is to perform a **One Finger Swipe Up** from the bottom of the screen.

2. In the Apps screen, locate and activate the Settings icon. Visually, this looks like a cog-wheel. Upon doing this, the Settings screen will be displayed.
3. In the Settings screen, locate and activate the button labelled Accessibility. This button also contains the text "Talkback, Mono Audio, Assistant Menu". Upon doing this, the Accessibility screen will be displayed.
4. In the Accessibility screen, locate and activate the button labelled Visibility Enhancements. Upon doing this, the Visibility Enhancements screen will be displayed.

5. In the Visibility Enhancements screen, locate the button labelled Colour Inversion. This button displays a virtual switch at the right edge which indicates whether or not Colour Inversion is On/Off.
6. Activate the Colour Inversion button to toggle the switch to the on setting and reverse the colours on the screen. You should now find that the background colour is black and the text colour is white!
7. Finally, activate the **Home** button, situated at the bottom centre of the screen. Upon doing this, you will be returned to the Home Screen of your device.

That's it, from now on, when you use an app, the background colour will be black and the text colour will be white.

Note 3: With Colour Inversion turned on, you may find that the colour of your Home Screen is very different. This is because the colour you were using has been reversed to display the exact opposite of the original colour! Also, photographs will appear as negatives!

Turning Off Colour Inversion

There are two ways of turning Colour Inversion off. For completeness, both methods are outlined below:

Method 1 - Via the Settings App

To turn Colour Inversion off via the Settings app, follow these suggested steps:

1. From the Home Screen, locate and activate the **Settings** icon. Upon doing this, the Settings screen will be displayed.
2. In the Settings screen, locate and activate the button labelled **Accessibility**. Upon doing this, the Accessibility screen will be displayed.
3. In the Accessibility screen, locate and activate the button labelled Visibility Enhancements. Upon doing this, the Visibility Enhancements screen will be displayed.
4. Finally, in the Visibility Enhancements screen, locate and activate the button labelled Colour Inversion to toggle the switch to the "Off" setting. Upon doing this, the screen colours will change to have a white background with black text.

Method 2 - Using an Accessibility Shortcut

An Accessibility Shortcut allows you to turn one or more Accessibility features on/off by pressing the Side and Volume Up buttons on the edge of your device together.

To enable the Accessibility Shortcut for Colour Inversion, follow these suggested steps:

1. Locate and activate the Settings icon. Upon doing this, the Settings screen will be displayed.
2. In the Settings screen, locate and activate the button labelled Accessibility. Upon doing this, the Accessibility screen will be displayed.
3. In the Accessibility screen, locate and activate the button labelled Advanced Settings. Upon doing this, the Advanced Settings screen will be displayed.
4. In the Advanced Settings screen, locate and activate the button labelled Side and Volume Up buttons. Upon doing this, The Side and Volume Up Buttons screen will be displayed.
5. In the Side and Volume Up Buttons screen, you will find a number of Accessibility features which can be activated by pressing the Side and Volume Up buttons together.
6. Locate and activate the button labelled Colour Inversion. Upon doing this, a virtual On switch will be displayed at the bottom right corner of the button.
7. Finally, activate the **Home** button, situated at the bottom centre of the screen. Upon doing this, you will be returned to the Home Screen of your device.

Now you have enabled the Accessibility Shortcut, you can press the Side and Volume Up buttons together to turn Colour Inversion on/off.

Note 4: It is possible to assign more than one Accessibility feature to be turned on or off using the Side and Volume Up buttons. If you have 2 or more features enabled, a popup window will be displayed prompting you to choose the desired option. Activate the appropriate button to turn the desired feature on/off!