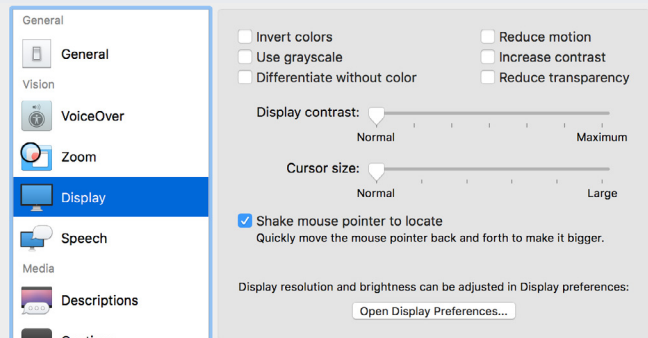# MAC OS SCREEN FILTER APPS

Macs have some built in options for adjusting your screen for accessibility.

From the Apple Menu choose **System Preferences > Accessibility > Display**

You now have some options such as inverting colours, using greyscale, or increasing contrast.

However, there are no options to apply a full tint across the screen.

There are several apps in the **App Store** which do provide screen tints

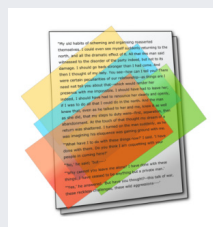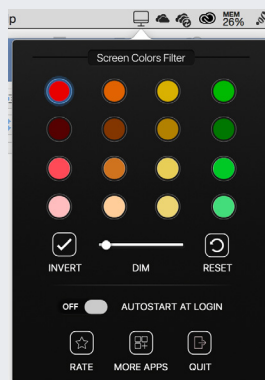You can also add these onto NUA iMacs via Managed Software Centre
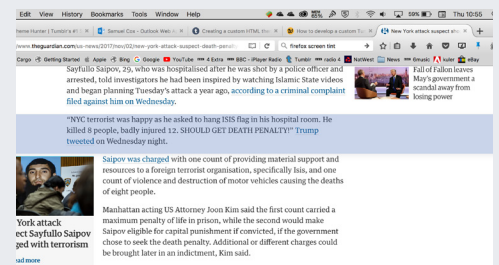

Screen Colours Filter
Allows you to add a coloured filter right across the screen. There are a few colours to choose from, but not blue, unfortunately. Available for Free

Overlays! is a simple application which highlights areas of the screen for reading. Available for free.
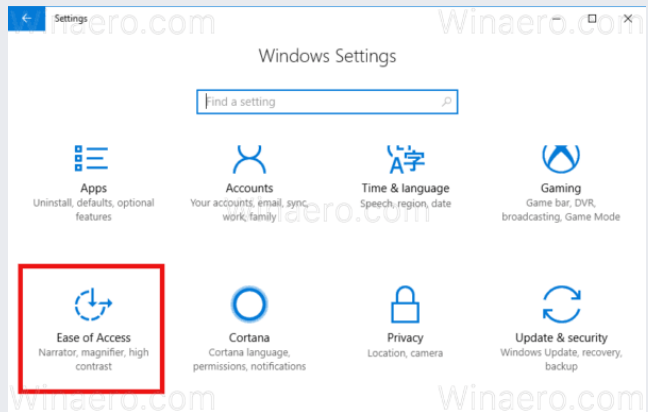
WINDOWS SCREEN FILTER

Windows 10 includes Color Filters as a part of **Ease of Access system.**

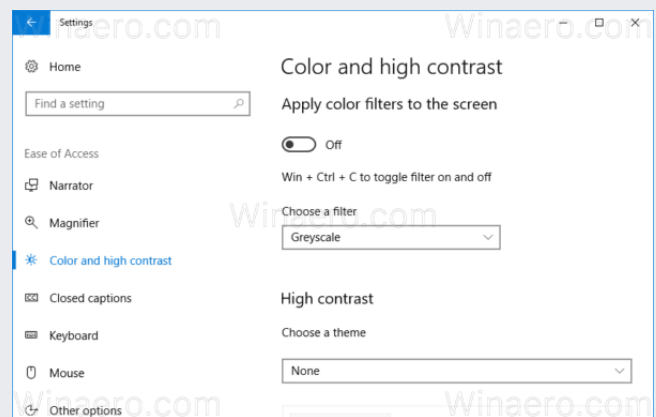To customize the filters, do the following:

Open **Settings.**
   Go to **Ease of Access -> Color and high contrast.**

On the right, select the desired filter from the drop down list under **"Choose a filter"**.

Now, you need to enable the filter. Turn on the option **Apply colour filters to the screen**. The selected filter will be applied instantly.
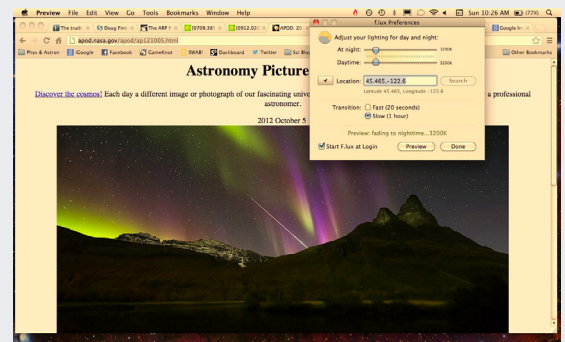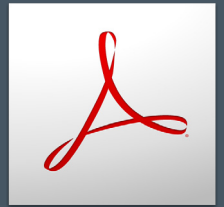

f.lux®

f.lux adjusts the colour temperature of your screen.

It is available to download for free for Windows, Mac or mobile.
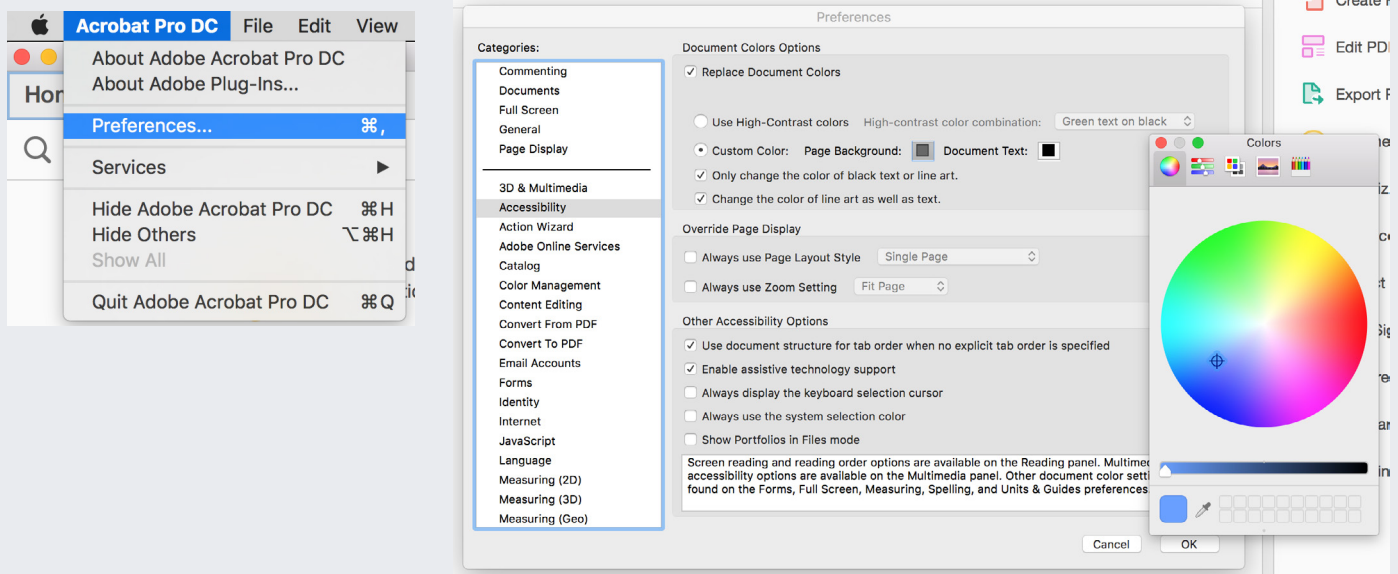
Visit: **justgetflux.com**

ADOBE READER / ACROBAT

Adobe Reader and Adobe Acrobat both give you the option to change the colour of backgrounds and text

Mac Acrobat / Reader menu > Preferences > Accessibility > Replace Document Colors > Custom Color > Page Background > Text Colour

Windows: Edit > Preferences > Accessibility > Replace Document Colors > Custom Color > Page Background > Text Colour
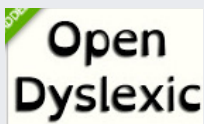

IN - BROWSER OPTIONS

Chrome has numerous extensions available to aid with screen reading: Visit Chrome Web Store and search "Dyslexia"

Open Dyslexic Formats pages using the OpenDyslexic font and changes font colour to lower contrast for easier reading

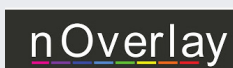Tints the web pages you visit without the need for an overlay

Firefox also has numerous extensions available to aid with screen reading: Choose the 'hamburger' menu at top right of your browser and then 'Add-Ons'
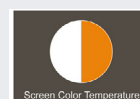

Mobile Dyslexic formats pages to the Open Dyslexic font. Also works on mobile.

Screen Colour Temperature allows you to add a simple coloured overlay to your screen. You can adjust the opacity and colour values, and disable it easily.

MOBILE OPTIONS

iPhone iOS10 introduced Colour Filters as standard

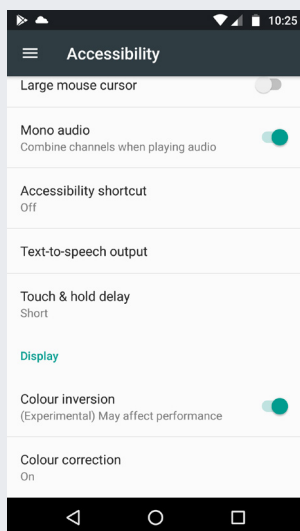To turn on Colour Filters using the Accessibility Shortcut, follow these steps:

Go to **Settings > General > Accessibility > Accessibility Shortcut** and select **Color Filters**. Once you have Color Filters set up, you can quickly turn them on or off, by triple-clicking the Home button on your device.

You can adjust the intensity of any of the **Color Filters** to fit your needs. Go to S**ettings > General > Accessibility > Display Accommodations** and adjust the Intensity slider to customize a filter that's more intense or less intense.

If you have colour or light sensitivity, you can change the **Color Tint** of your display. This will allow you to change the hue of the entire display on your iPhone, iPad or iPod Touch.

Android phones have some accessibility settings as standard

The colour correction setting enables your device to compensate for colour blindness.

To enable or disable colour correction, follow these steps:

Go to **Settings > Accessibility > Colour correction**.
Set the switch to the on or off position.
To change the colour correction mode, select Correction mode, then choose one of the following options:

     Deuteranomaly (red-green)
     Protanomaly (red-green)
     Tritanomaly (blue-yellow)

You can also choose **Colour Inversion** to reduce screen glare.

Many third party apps are also available; search 'Color Filter' in the App Store or Google Play Store