

Why is Screen savers no longer useful?

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Screen savers screen savers seem to beno longer needed on modern, flat-screen LCD monitors.

Today, the fact that your computer automatically turns off the screen when not in use is the most effective "screen savers" feature.This will save energy, reduce a few numbers on electricity bills and increase your battery life more effectively thantraditional Screen savers.



The reason Screen Savers was invented

There is a common problem on older CRT monitors called 'burn-in'.Any image displayed on this screen for a long time will "burn" on the screen.Even if you turn off the screen completely, you will still see the image dim for a while before it will completely fade.

This phenomenon is more serious for unchanged images on the screen for a long time, such as interface elements, background images.For example, the Windows taskbar may be burnt on the screen, because it is only at the bottom of the screen and rarely changes or moves anywhere.A screen on an ATM displaying a single image in most of the time of use can also burn images .

Basically, the phosphors that emit light inside CRT screens are worn out unevenly, making certain areas on the screen darker than the rest.

Manufacturers have solved this problem by automatically activating screen savers when the computer is not being used. A screen saver displays a constantly changing animation, which eliminates the on-screen image burn by ensuring that an image is not permanently displayed on the screen but is constantly changed.



CRT monitors and LCD screens

Modern computer monitors (and even TVs) are no longer CRTs, they are LCD screens. LCD monitors have a different operating mechanism than CRT monitors. They do not use phosphorus to play images, so the LCD screen will never appear burning images like on CRT monitors.

Although many of these computers are still set to use the screen savers feature after the computer has been inactive for a certain period of time, in fact this is no longer necessary. It is simply that many people continue to use the habit only.

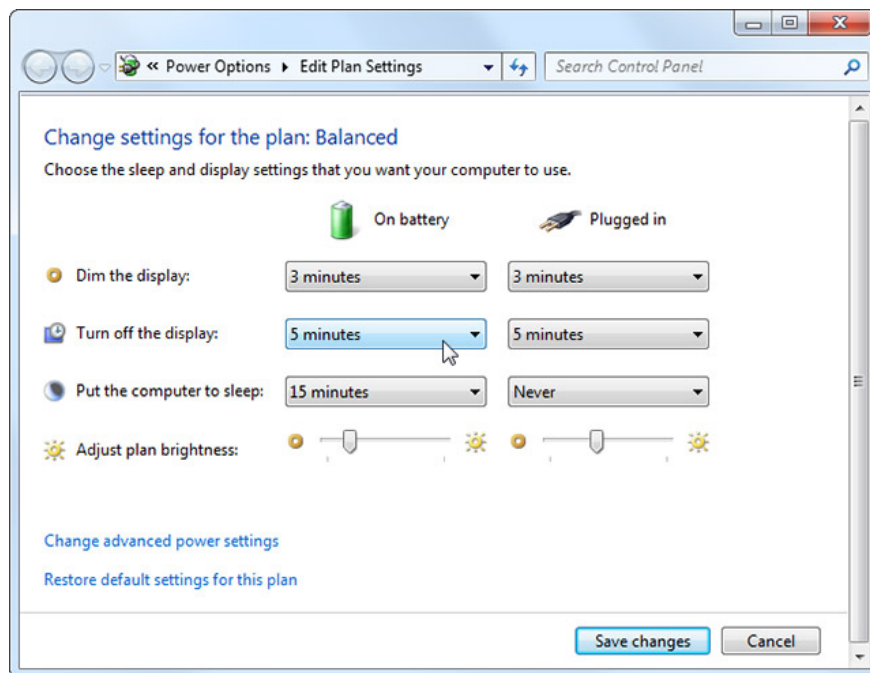


Screen Savers and Power Saving

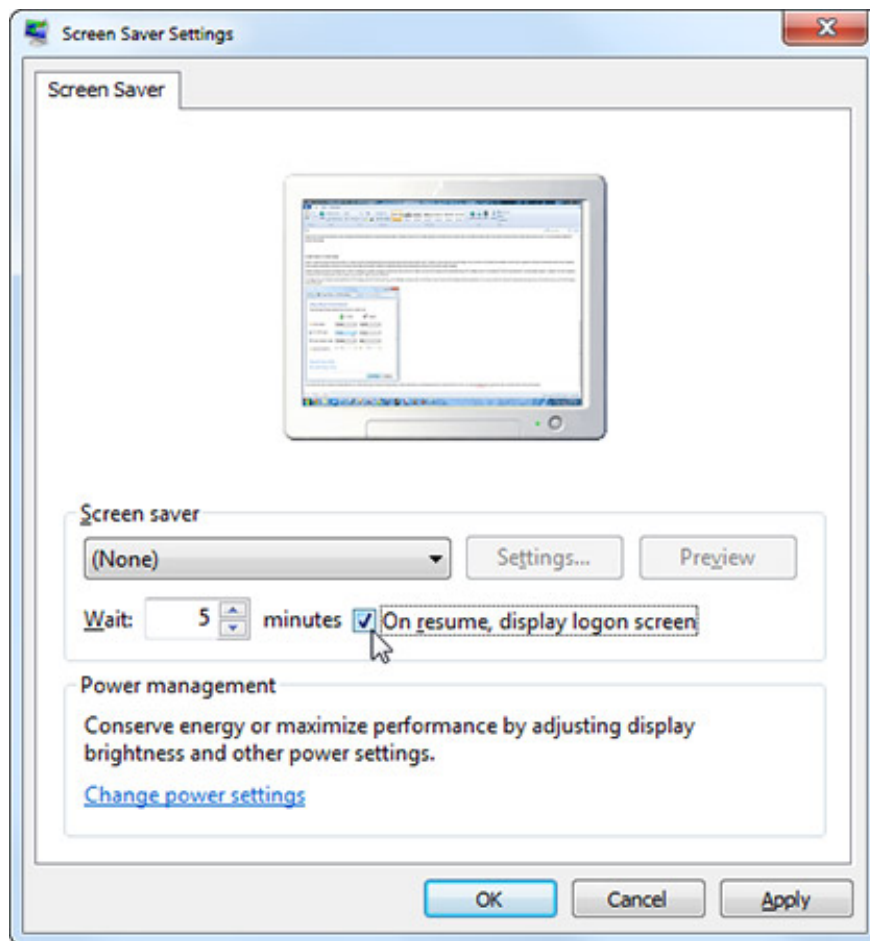
There is a rather lacking word of mouth, the Screen Savers feature that saves energy for the system. However, the truth is quite the opposite. It is Screen Savers that are the ones that consume more power to keep the screen in the state of showing and playing animation on it. Not only that, the advanced 3D screen savers also use your graphics hardware to support the display of complex 3D images, thereby, the system will use more power, by the computer. Your game is put into game mode and burned even if you don't really use it.

Modern screens today are built with energy-saving features. Instead of setting your computer to start a screen saver when not in use, it is possible to set the computer to automatically turn off the screen when it is not being used. This will help save power and save battery on laptops much more efficiently.

To change the time setting for your computer to automatically turn off the screen, press the Windows key, type the keyword *Turn off display* into the search bar, and press **Enter** (on Windows 8, you need to click **Settings** before press **Enter**). After the screen is off, you can reactivate by pressing any key or moving the mouse, similar to the Screen savers feature.



In addition, you can also set the computer to automatically lock the screen in power-saving mode, similar to Screen savers screen saver that can automatically lock the screen when the device is on. The calculator is not used by pressing **Windows** key, typing *screen saver* into the search bar and pressing **Enter** to access this window.



If you still want to use Screen savers screen saver, that's okay, it's up to you, but keep in mind that this feature will contribute to wasting more or less power. You can also use the screen saver for a short time before turning off the screen. For example, the settings for the screen saver turn on automatically after five minutes and then let the screen automatically power off after ten minutes.

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