

Brightness changes while “Adaptive Brightness” is disabled in Windows 8.1/10 with Intel HD Graphics

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47



30

The brightness changes with the colors displayed on the screen on my Lenovo Thinkpads with Intel HD Graphics. Light colors make the screen brighter, dark make it darker. Same behavior in Windows 8.1 and 10.

The "adaptive brightness" feature in Windows is disabled.

[windows-10](#)[laptop](#)[windows-8.1](#)[intel-graphics](#)[brightness](#)

edited Jul 20 '18 at 12:49

asked Oct 31 '15 at 21:41



[petersv](#)

848

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8

13

2 In case you

[uestions/743915](#)
[/...](#) – amenth
Nov 10 '16 at
7:55

In case you
have a Surface
4:
[mikebattistablog.](#)
[wordpress.com/](#)
[2016/05/27/...](#) –
patrickf Oct 19
'17 at 19:34

In AMD, go to
Catalyst Control
Center > Power
> PowerPlay
and uncheck
"Enable Vari-
Bright" –
[Pikamander2](#)
Feb 5 '18 at 3:18

9 Answers



52



Just found a
suggestion that
solved my
problem [here](#).

It is the Intel
"Display Power
Saving
Technology" that
is to blame.

Disable it like so:

1. Launch "Intel
HD Graphics
Control
Panel" by
right clicking
and selecting
"Graphics
Properties..."
from your
Intel HD
Graphics tray
icon
2. Click Power

4. Select
"Disable" for
Display
Power Saving
Technology
5. Click Apply



ited Jan 25 '16 at 7:55


swered Oct 31 '15 at 21:53



[petersv](#)

848 1 8 13

My charger was connecting and disconnecting repeatedly because it was overheating (it has a safety feature to turn off at a certain temperature). This didn't occur to me for half an hour. Unlikely, but worth noting. — [person27](#) May 14 '17 at 22:27

- 2 Make sure to restart your computer to fully apply the changes — [Chris McFarland](#) May 27 '17 at 3:41 

I'm running HP Envy and everything I've tried worked only for a short time, until restart or wake up. The only

Open: Sep 17 at 12:52

Thank you so much. I was figuring out the issue from last week. —

[zackyaurav](#)

Jan 22 '18 at 11:54

This works until the computer goes to sleep. After a wake from sleep, the colors/brightness starts changing again.

— [gh123man](#)

Feb 12 '18 at 2:44



31



Even after changing the "power" options in the "Intel HD graphics control panel" the brightness kept adapting to the image brightness/darkness.

So did some research and found a solution through editing the registry.

instructions:

1. press Win +

R

2. type `regedit` and press

```
HINE\Software\  
Intel\Display\  
igfxcui\profil  
es\media\Brigh  
ten Movie and  
change  
ProcAmpBright  
ness to 0
```

4. also navigate
to

```
HKEY_LOCAL_MAC  
HINE\Software\  
Intel\Display\  
igfxcui\profil  
es\media\Darke  
n Movie and  
change  
ProcAmpBright  
ness to 0
```

This should solve
the problem.

ited Mar 15 '16 at 10:26



[techraf](#)

4,142 11 17 31

swered Mar 15 '16 at 9:46



[seshan](#)


319 3 2

These reg.
values are not in
my registry..? –
[petersv](#) Mar
20 '16 at 17:00

do you have to
restart? this is
still not working.
– [ahnbizcad](#) Oct
19 '16 at 15:44

1 For me it works
after reboot –
[Riccardo](#) Jan 13
'17 at 15:44

1 You are a total
genius! There is
another way to
do this. I believe
you can change
the brightness in
.

interface ->
Profiles ->
selecting the
aforementioned
profiles and
saving the
changes after
loading the
profile and
resetting the
brightness. –
[wolfdawn](#) Feb
21 '17 at 7:00 

- 1 Thank, this works. Either reboot, or if you have two display adapters in your computer, disable and enable intel HD graphics for the modifications to take effect. –
[Soma Deáki](#)
Feb 28 '17 at 12:07
-

▲
7
▼
So i just fixed this problem temporarily. What i did is i went to Device Manager, then went to Display adapters.

Now i have 2 graphics cards in my system, one is an integrated Intel HD4000 and the second is a Geforce GT740M so i dont know if this will work on systems with 1 graphics card.

After this just disable and enable your integrated graphics card and it should fix it.



This did the trick
for me.
Somehow my
display defaulted
to Intel graphics
when I have
AMD Radeon –
[F0r3v3r-A-N00b](#)
Sep 12 '17 at
12:46

this is the only
option that
helped me –
[andreikashin](#)
Feb 14 at 21:22



I tried so many of
these fixes and
nothing worked. I
was finally able to
beat this problem
though. I have an
i7 processor with
integrated HD
graphics but also
have an nVidia
card as well.
During Windows
10 setup (or
maybe before) my
integrated HD card
was disabled in my
BIOS. I had to
enable the
integrated HD
graphics and then
in Windows install
the newest HD
graphic drivers.
After the drivers
installed all my
tweaking around in
the power options
screen actually did
something. Your
mileage may vary
but I think enabling
the disabled

... ..

what was missing.
At least for me.

swered Jun 26 '16 at 12:41

 JonnyK
19

-
- 1 You didn't specify what you tweaked. You explained how you solved the problem, but could you reproduce the steps you took to solve the problem? If you could find out some other information on what you changed, you should update your answer. — [DrZoo](#) Jul 5 '16 at 22:07
-

This topic is for the Intel HD Graphics. I suggest you add a new question/topic for this answer. — [petersv](#) Jul 20 '18 at 12:51

▲
-1
▼ Everything here didn't help and in the end the problem was in the monitor itself - it is a mag monitor went into the monitor's settings (the physical menu button on monitor) and go into color and change DCR mode to off

swered Aug 26 '16 at 8:52



I had the same problem and also tried all of those fixes and nothing worked till now. I use a secondary monitor for my laptop and was able to fix the problem when I disconnected the secondary monitor, restarted the power plan from the advance power setting ("restore plan defaults"), then restarting my laptop and after that changing the adaptive brightness to off. It works just fine now.

swered Mar 6 '17 at 7:18



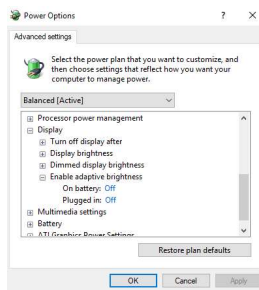
[user704410](#)

1

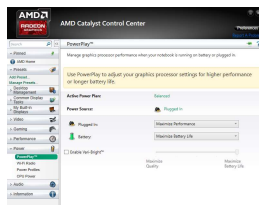


I've looked around the web and there appear to be several possible causes and solutions to this problem depending on your Windows version and hardware. Here's a compilation of how to turn off adaptive brightness.

1. Go to **Power Options** > **Display** > **Enable**



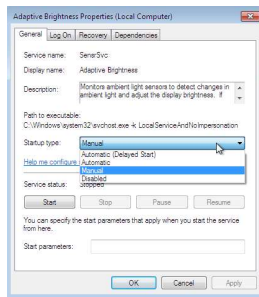
2. Go to **AMD Catalyst Control Center** > **Power** > **PowerPlay** > Uncheck the "Enable Vari-Bright" box



3. Go to the **Intel Media and Graphics Control Panel** > **Power** > **Disable Intel Power Saving Technology**



4. Go to **Services** > Disable the **Adaptive Brightness** service



5. In regedit:

Go to
HKEY_LOCAL_MACHINE\Software\Intel\Display\igfx\profiles\media\BrightenMovie and change ProcAmpBrightness to 0

Go to
HKEY_LOCAL_MACHINE\Software\Intel\Display\igfx\profiles\media\DarkenMovie and change ProcAmpBrightness to 0

ited Sep 27 '18 at 8:34

swered Feb 5 '18 at 3:15



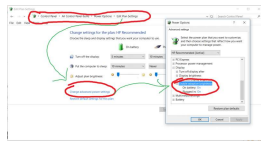
Pikamander2

171 1 1 10

This is probably a great solution for AMD graphics, but this topic is for the Intel HD Graphics. I suggest you add a new question/topic



Here's the easy way I found:
[Adaptive Brightness Control](#)



ited Jan 6 '17 at 7:46



[karel](#)

9,529 10 33 39

swered Jan 6 '17 at 7:41



[Rafi675](#)

9

OP stated that he already had adaptive brightness turned off –
[Gust van de Wal](#)
Jun 6 '18 at 15:27



This happened to me also. I tried all of the other solutions but none worked. Then I noticed that my desktop background was not my usual.

I right-clicked on the desktop, chose "Personalize" and in the Background slot, I chose "Picture" and clicked on the picture I wanted. The problem went away.

protected by
Community ♦
Jun 11 '17 at
19:49

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