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# edgehancer

*Takes your pixels to the edge*

# Overview

*Fixel EdgeHancer* is an **Edge Enhancement** filter.

*EdgeHancer* features **novel algorithm to enhance and emphasize edges** in video frames and images.

Unlike “classic” sharpeners, *EdgeHancer* **emphasizes the edges exclusively** instead of increasing the contrast of the surrounding pixels.

**Fixel EdgeHancer** is **GPU accelerated** and compatible with **Adobe After Effects** and **Adobe Photoshop**.

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0110

Novel algorithm

AE

Adobe After Effect  
CS4 & CS5 compatible

GPU

GPU accelerated

PS

Adobe Photoshop  
CS5 compatible

32bit

32 Bit color depth  
internal processing

64bit

64 Bit compatible

# Showcase

Edges only  
enhancement

Before



After



Before

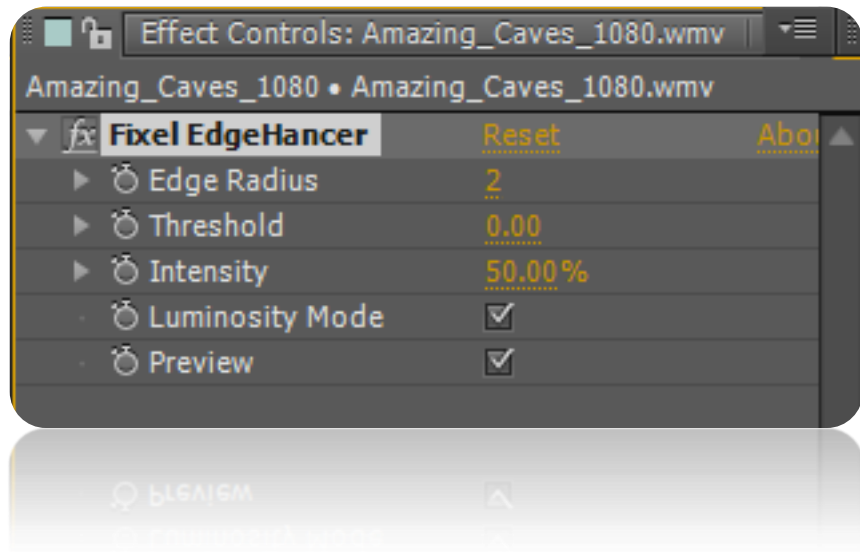


HDR-like effect

After

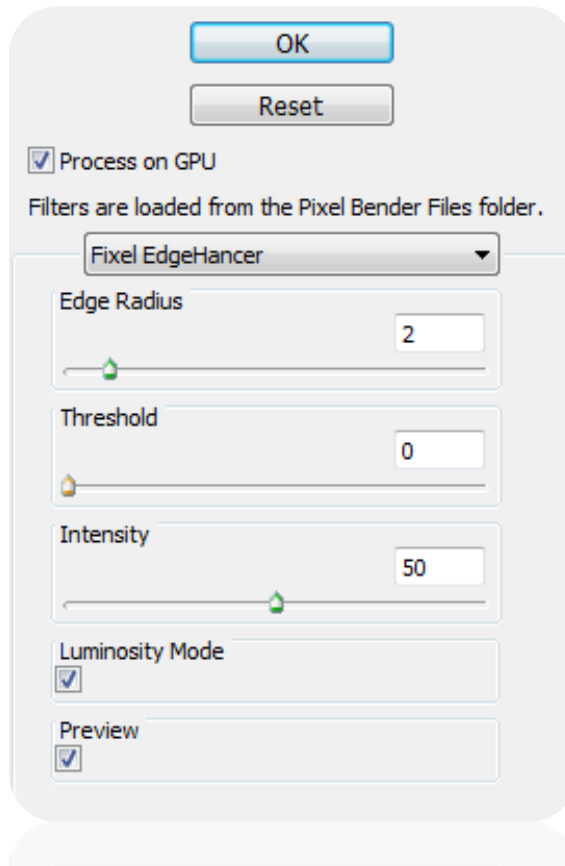


# Panel & Sliders (AE)



- + **Edge Radius** Controls the radius which defines an edge. Higher values emphasizes larger edges.
- + **Threshold** Limits the noise amplification.
- + **Intensity** Overall intensity of the effect.
- + **Luminosity Mode** Preserve saturation mode.
- + **Preview** Enable / Disable the effect.

# Panel & Sliders (PS)



- + **Process on GPU** Enable / Disable GPU processing.
- + **Edge Radius** Controls the radius which defines an edge. Higher values emphasizes larger edges.
- + **Threshold** Limits the noise amplification.
- + **Intensity** Overall intensity of the effect.
- + **Luminosity Mode** Preserve saturation mode.
- + **Preview** Enable / Disable the effect.

# Installation Guide (AE)

+ **Close** Adobe AfterEffects if it is running.

+ **Unzip** the file "*Fixel EdgeHancer.zip*".

+ **Windows Users:**

Copy the unzipped pbgs file (*Fixel EdgeHancer.pbg*)  
to folder

*C:\Program Files\Adobe\Adobe After Effects CS5\Support Files\Plug-ins*

Delete any previous instances of the Plug In

+ **Mac Users:**

Copy the unzipped pbgs file (*Fixel EdgeHancer.pbg*)  
to folder

*Applications/Adobe After Effects CS5/Plugins*

Delete any previous instances of the Plug In

+ **Adobe Support for Pixel Bender Filters:**

- [Adobe After Effects CS4](#)

- [Adobe After Effects CS5](#)

- [Adobe Photoshop CS5](#)

+ **Using the filter:**

- Launch Adobe AfterEffects.

- Open AfterEffects Project.

- Open Fixel Algorithms Category in the Filter Panel.

- Double click Fixel EdgeHancer.

+ **Having problems ?**

Please contact us for support: [fixel@fixelalgorithms.com](mailto:fixel@fixelalgorithms.com)

# Installation Guide (PS)

- + **Close** Adobe Photoshop if it is running.
- + **Download and Install** Adobe Photoshop Pixel Bender Plug In:  
Photoshop CS4 – <http://www.adobe.com/devnet/pixelbender.html>  
Photoshop CS5 – <http://labs.adobe.com/downloads/pixelbenderplugin.html>
- + **Unzip** the file “*Fixel EdgeHancer.zip*”.
- + **Windows Users:**  
Copy the unzipped pbg file (*Fixel EdgeHancer.pbg*) to folder  
*C:\Program Files\Adobe\Photoshop CS5\Pixel Bender Files*.  
Delete any previous instances of the Plug In
- + **Mac Users:**  
Copy the unzipped pbg file (*Fixel EdgeHancer.pbg*) to folder  
*Applications> Photoshop CS5> Pixel Bender Files*  
Delete any previous instances of the Plug In
- + **Adobe Support for Pixel Bender Filters:**
  - [Adobe After Effects CS4](#)
  - [Adobe After Effects CS5](#)
  - [Adobe Photoshop CS5](#)
- + **Using the filter:**
  - Launch Adobe Photoshop.
  - Go to Filter > Pixel Bender > Pixel Bender Gallery.
  - Select *Fixel EdgeHancer* from the drop down list.
- + **Having problems ?**  
Please contact us for support: [fixel@fixelalgorithms.com](mailto:fixel@fixelalgorithms.com)

# Thank You !

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Thank you for buying Fixel Algorithm's product.  
We are doing our best efforts to deliver innovative, intuitive and useful products for our customers.

We invite you to visit [our page](#) at [aepugins.com](http://aepugins.com).

If you have questions / feedback / complaints / suggestions on our product, please contact us –  
[fixel@fixelalgorithms.com](mailto:fixel@fixelalgorithms.com)