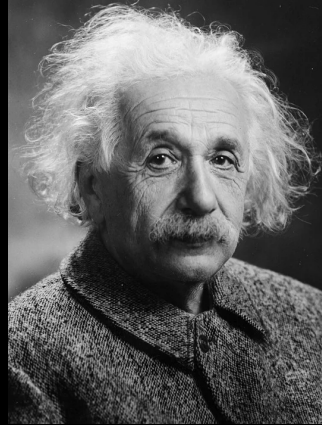


# Black holes

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[pixabay.com/nl/photos/albert-einstein-portret-1144965/](https://pixabay.com/nl/photos/albert-einstein-portret-1144965/)



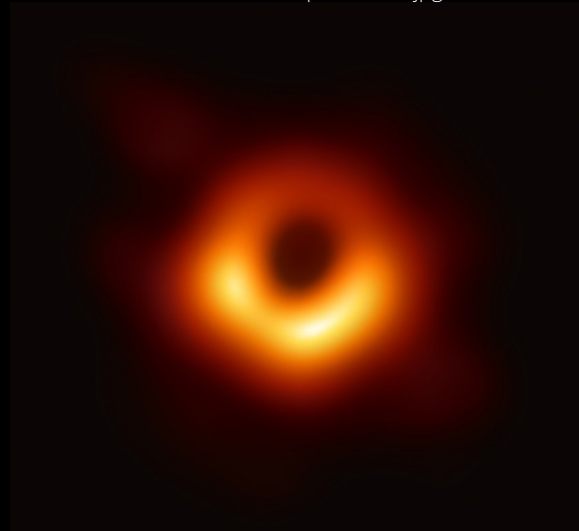
[wikimedia.org/wiki/File:Black\\_hole\\_-\\_Messier\\_87\\_crop\\_max\\_res.jpg](https://commons.wikimedia.org/wiki/File:Black_hole_-_Messier_87_crop_max_res.jpg)

What is a black hole?

How did scientists take a picture of a black hole?

How are black holes created and how do we see them?

What's the difference between a supernova and a black hole?



[commons.wikimedia.org/wiki/File:Artist%27s\\_impression\\_of\\_supernova\\_1993.jpg](https://commons.wikimedia.org/wiki/File:Artist%27s_impression_of_supernova_1993.jpg)

What is the etymology of black holes?

When did we discover Black Holes?

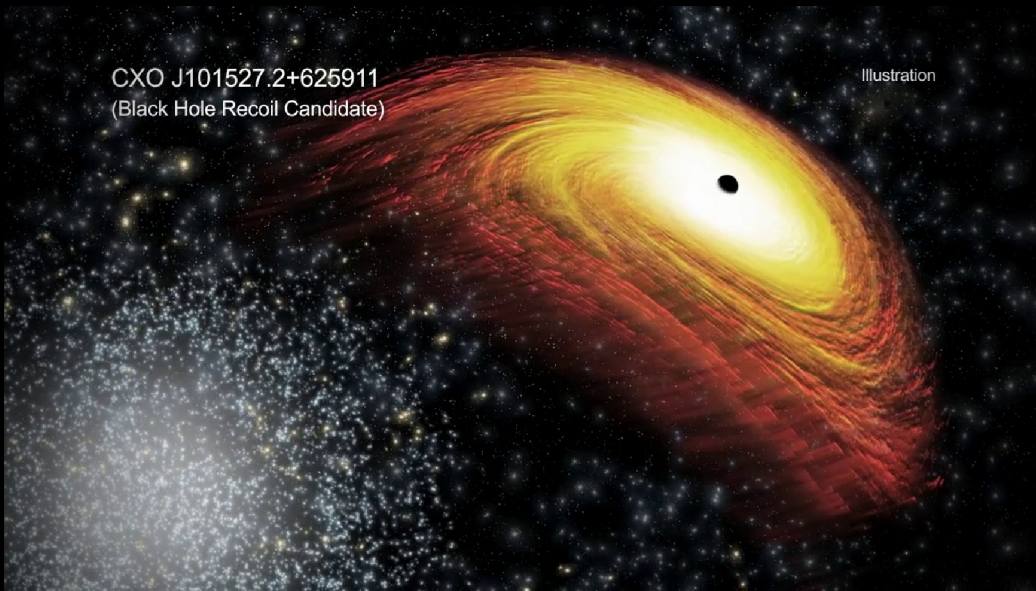
Could black holes destroy Earth?

What is the closest black hole to Earth?



NEBULA → BLUE GIANT → RED SUPERGIANT → SUPERNOVA → BLACK HOLE/NEUTRON STAR

How will black hole images change and become better in the future?

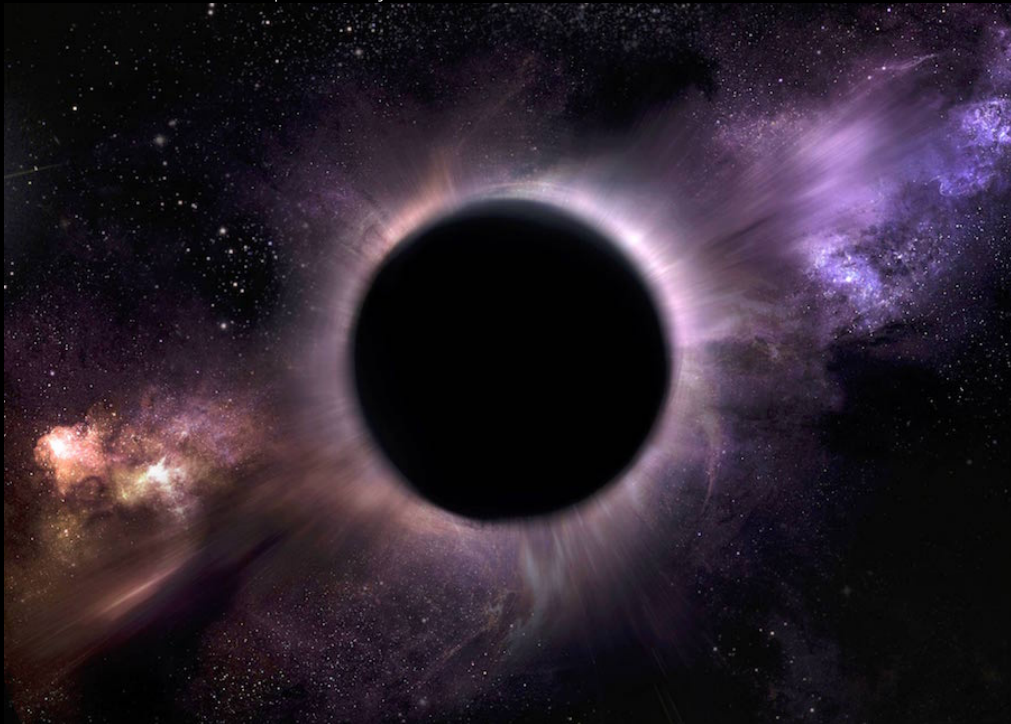


CXO J101527.2+625911  
(Black Hole Recoil Candidate)

Illustration

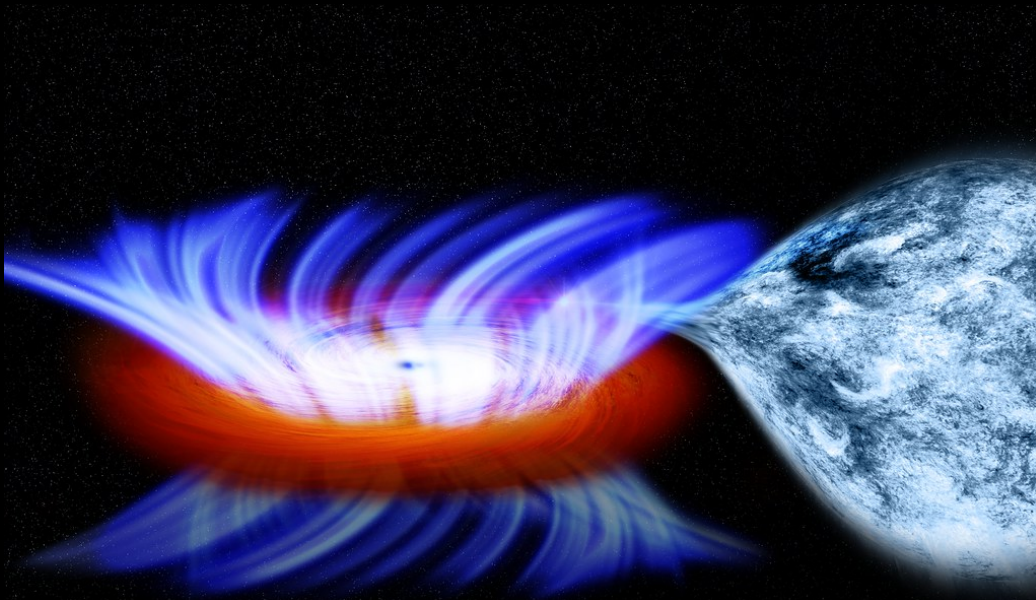
## supermassive black hole

<https://www.youtube.com/watch?v=xEs3FnLwIW8>



## intermediate black hole

<https://astronomy.com/news/2019/07/what-are-intermediate-mass-black-holes>



## Stellar black hole

[www.flickr.com/photos/nasamarshall/6917482113](http://www.flickr.com/photos/nasamarshall/6917482113)