

This is what you would see if you fell into a black hole

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The black hole at the center of the Milky Way has been photographed by the Event Horizon Telescope with a donut-like shape made of incandescent gas, called an accretion disk, spinning around dark space.

The video records the observation angle when a person falls straight through the accretion disk of glowing gas around the supermassive black hole. The vision changes with the fall, first gliding through light particles flying quickly around the black hole, the final destination is the event horizon, the sky narrows and the blackness begins to get closer, here even the light Even light cannot escape.

After falling through the event horizon, the observer will be destroyed by gravity after just 12.8 seconds. A few microseconds later, the extremely compressed matter will reach the singularity, the center of the black hole. The journey from the event horizon to the singularity is 128,000 km long but happens in just the blink of an eye.

It took the researchers five days to render the simulation, using only 0.3% of Discover's processing power. But if you created this simulation on a regular laptop it would take more than a decade.

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