In April 2019, the Event Horizon Telescope project released the first direct image of a black hole in the galaxy M87. Astronomers have also been studying this black hole and the region around it in an extensive observing campaign by telescopes around the globe and in space. This image contains X-rays from Chandra in purple, radio waves from ALMA in orange, and optical light from Hubble in blue.

Credit: X-ray: NASA/CXC/MIT/M.McDonald et al.; Radio: NRAO/VLA; Optical: NASA/STScI