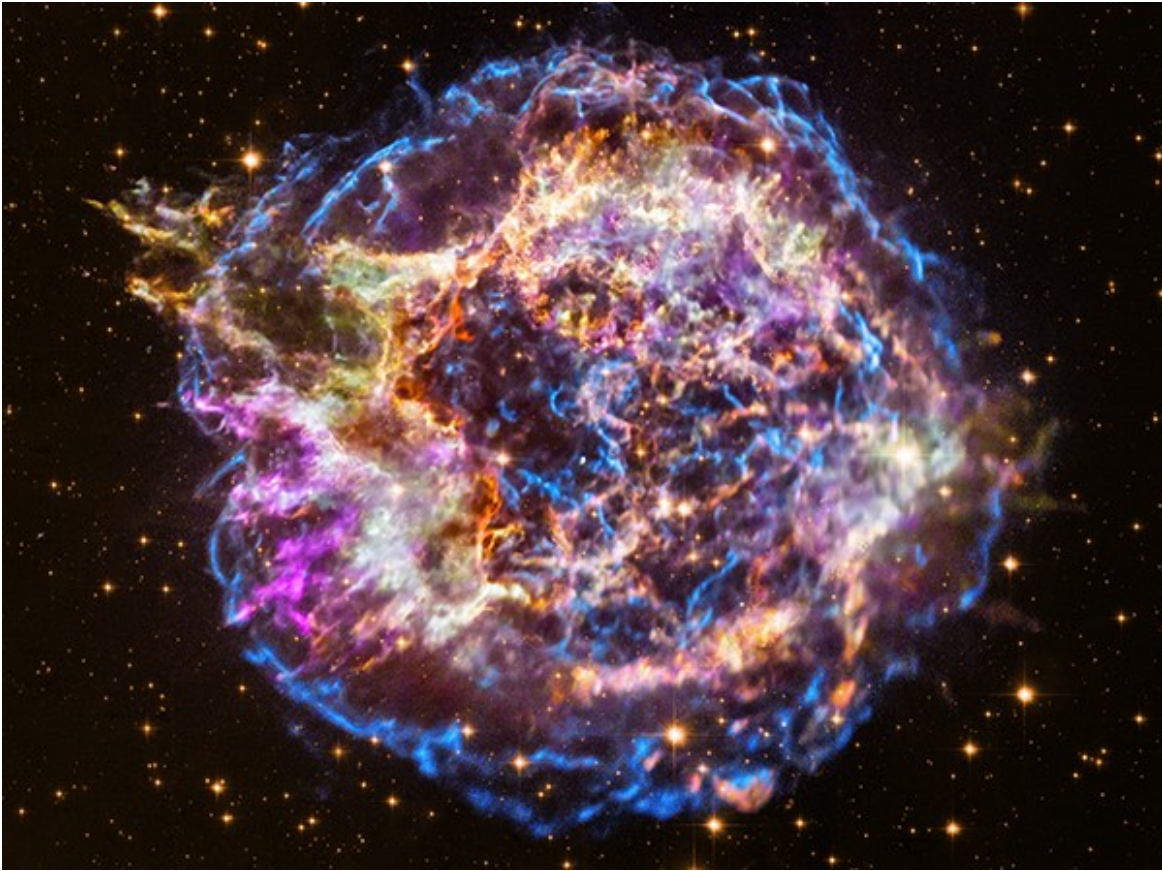




**Chandra X-ray
Observatory Center**

Harvard-Smithsonian Center for Astrophysics
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Cassiopeia A: A supernova remnant located about 11,000 light years away.
(Credit: X-ray: NASA/CXC/RIKEN/T. Sato et al.; Optical: NASA/STScI)

Caption: A new movie of Cassiopeia A shows how this supernova remnant has changed from 2000 to 2013. The low, medium, and high-energy X-rays detected by Chandra are red, green, and blue respectively. The movie shows how 10-million-degree gas is expanding outward after the explosion that destroyed the star. The X-rays have been overlaid on an optical light image taken by Hubble from a single time period to emphasize the changes in the Chandra data over time.

Chandra X-ray Observatory ACIS Image

CXC operated for NASA by the Smithsonian Astrophysical Observatory