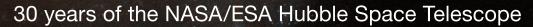


Hubble Space Telescope Hidden Gems







Cover Cosmic Collision



This distorted galaxy NGC 3256 is the relic of a collision between two spiral galaxies, estimated to have occurred 500 million years ago. Today it is still reeling in the aftermath of this event.

Credit: NASA, ESA

Hubble's Colourful View of the Universe The Veil Nebula

January

August

A Cosmic Ribbon

In 2014, astronomers conducted a study called the Ultraviolet Coverage of the Hubble Ultra Deep Field project. This picture is the result of 841 orbits of telescope viewing time and contains approximately 10 000 galaxies.

Credit: NASA, ESA, H. Teplitz and M. Rafelski (IPAC/Caltech), A. Koekemoer (STScI), R. Windhorst (Arizona State University), and Z. Levay (STScI)



February

This 2015 image shows a small section of the Veil Nebula, known as NGC 6960 Located roughly 2100 light-years from Earth, this brightly coloured cloud of glowing debris spans approximately 110 light-years.

Credit: NASA, ESA, Hubble Heritage Team

September

This 2013 Hubble image shows IRAS 14568-6304, a young star that is cloaked in a haze of golden gas and dust. It appears to be embedded within an intriguing swoosh of dark sky, which curves through the image and obscures the sky behind.

March

An Infant Beauty

Credit: ESA/Hubble & NASA. Acknowledgements: R. Sahai (Jet Propulsion Laboratory), Serge Meunier

October

Echo of Light



April

This 2016 image features the star cluster Trumpler 14. One of the largest gatherings of hot, massive and bright stars in the Milky Way, this cluster houses some of the most luminous stars in our galaxy.

Credit: NASA & ESA, Jesús Maíz Apellániz (Centro de Astrobiología, CSIC-INTA, Spain)

This is 2011 snapshot of the fine detail and exceptionally perfect spiral structure

Credit: ESA/Hubble and NASA

This 2011 composite image shows Sh 2-106, a compact star forming region in the constellation of Cygnus, which combines two images taken in infrared light and one that is tuned to a specific wavelength of visible light emitted by excited hydrogen gas.

Credit: NASA, ESA and the Hubble Heritage Team (STScI/AURA)

July The Moons of Saturn



This composite image was taken in June 2018, and shows the ringed planet Saturn with six of its 82 known moons. From left to right, the moons visible in this image are Dione, Enceladus, Tethys, Janus, Epimetheus, and Mimas.

Credit: NASA, ESA, A, Simon (GSFC) and the OPAL Team, and J. DePasquale (STScl)



The structure visible within NGC 5189 is particularly dramatic, and this 2012 Hubble image unveiled new details of the object. The intricate structure of the stellar eruption looks like a giant and brightly coloured ribbon in space.

Credit: NASA, ESA and the Hubble Heritage Team (STScI/AURA)

This colourful and star-studded view of the Milky Way galaxy was captured in 2016 when Hubble pointed its cameras towards the constellation of Sagittarius.

Sparkling Stellar Jewels in Sagittarius

Credit: ESA/Hubble and NASA

In January 2002, a moderately dim star known as V838 Monocerotis in the constellation of Monoceros, suddenly became 600 000 times more luminous than our Sun. This 2004 snapshot by shows remarkable details in the shells of dust that were lit up during the titanic stellar eruption.

Credit: NASA, ESA, and H. E. Bond (STScl)

In 2011, Hubble captured this stunning close-up shot of part of the Tarantula Nebula. This is a star-forming region of ionised hydrogen gas is in the Large Magellanic Cloud, a small galaxy which neighbours the Milky Way.

Credit: NASA, ESA

December



The Hubble telescope reveals a rainbow of colours in this dying star, called IC 4406. Like many other so-called planetary nebulae, IC 4406 exhibits a high degree of symmetry. The nebula's left and right halves are nearly mirror images of each other.

Credit: ASA/ESA and The Hubble Heritage Team STScl/AURA



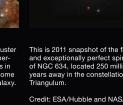


Close-Up of the Tarantula Nebula

November

May Dazzling Diamonds of Trumpler 14 A Perfect Spiral





of NGC 634, located 250 million light years away in the constellation of

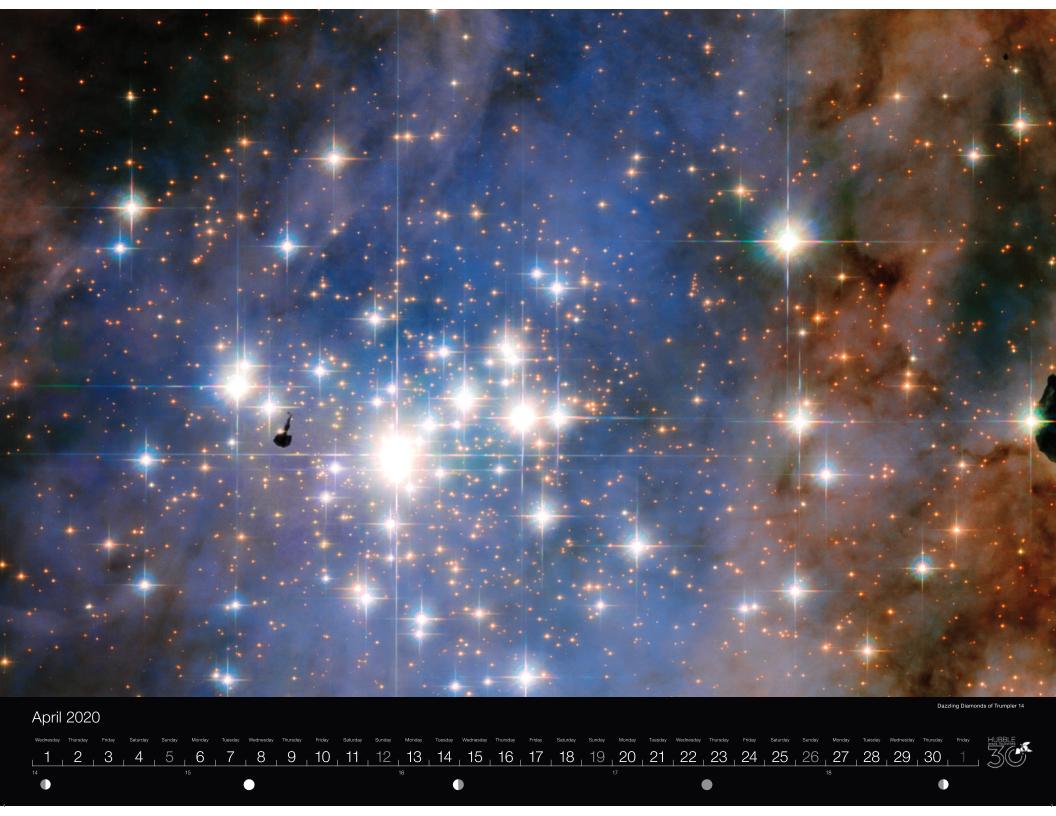
A Rainbow of Colours





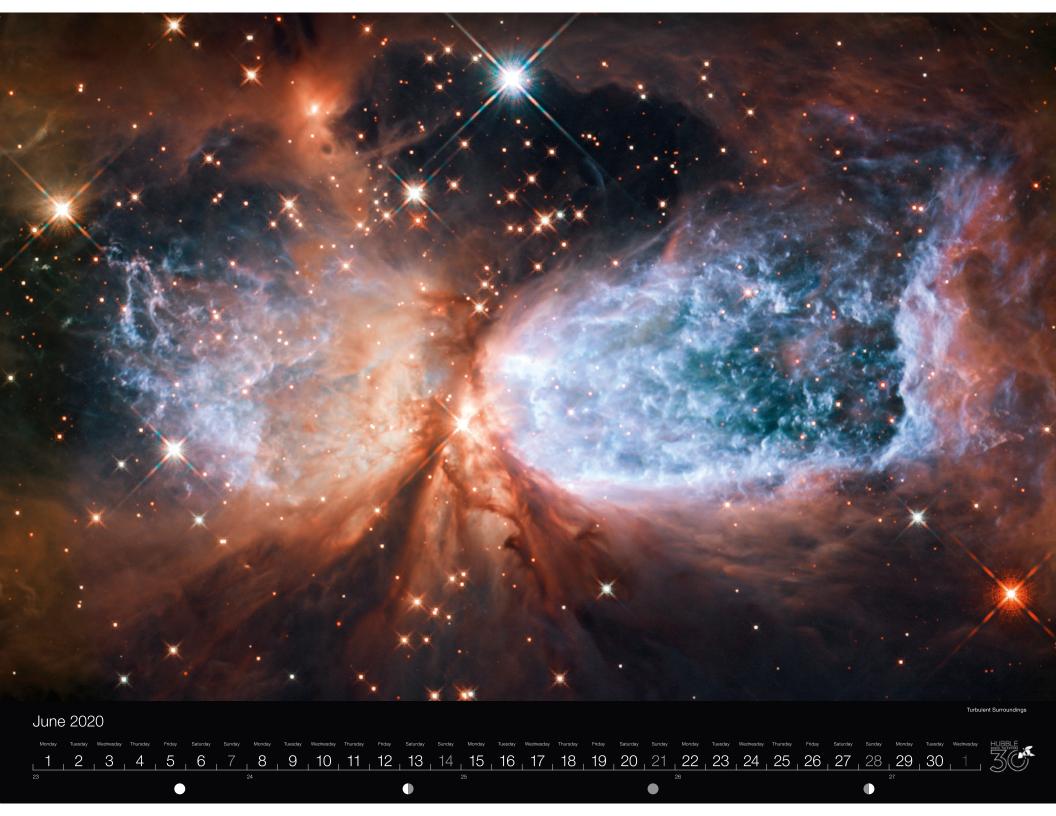






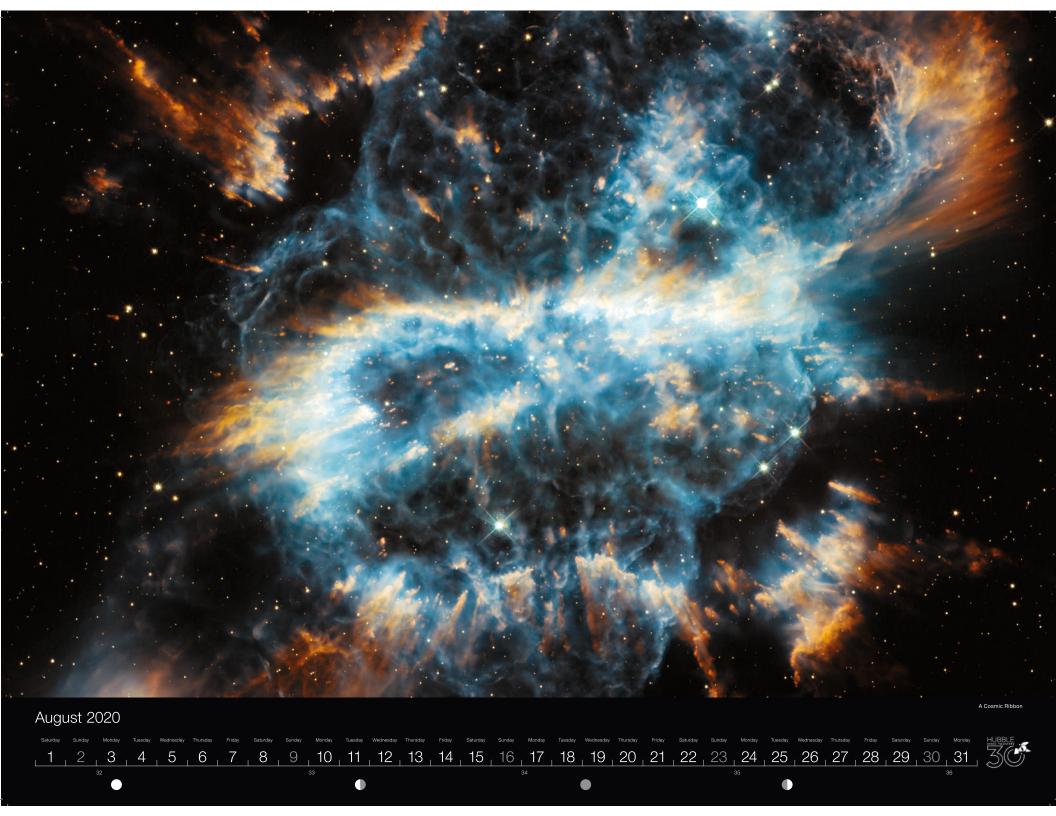








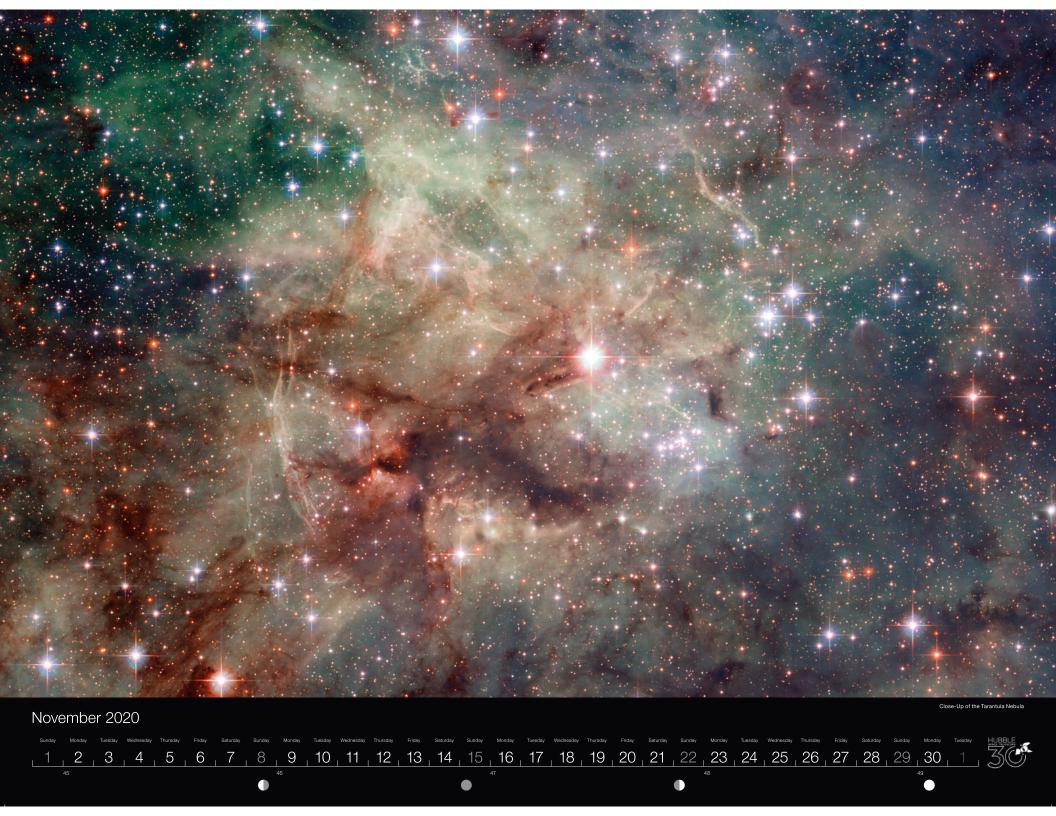


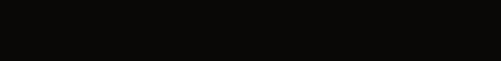


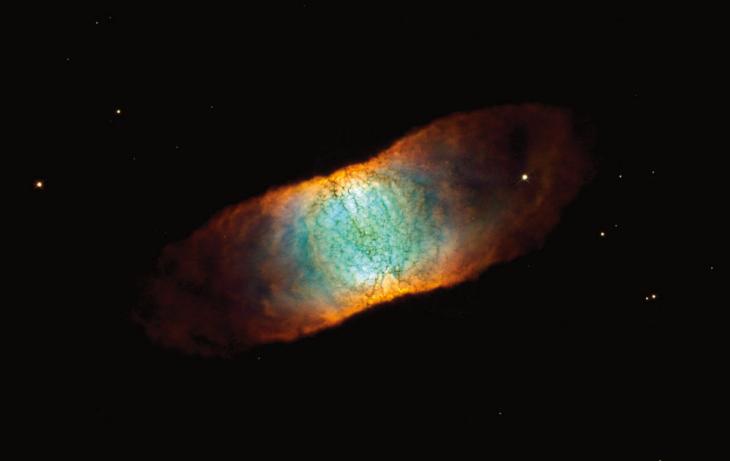
















The NASA/ESA Hubble Space Telescope Credit: NASA.





These images were selected in 2019 through a social media campaign in which the public was invited to vote for their favourite hidden gems from the ESA/Hubble image archive. In this calendar are the top 12 images as selected by the fans and followers of the NASA/ESA Hubble Space Telescope.