

# 10 brightest stars in the sky

When we look at the night sky, we can see many stars. However, not all stars are the same and can be seen with the naked eye.

## 10. Archerna



The star Archerna is located in the constellation Eridanus, 69 light-years from Earth. This star has an apparent magnitude of 0.46 and an absolute magnitude of -1.3.

## 9. Procyon



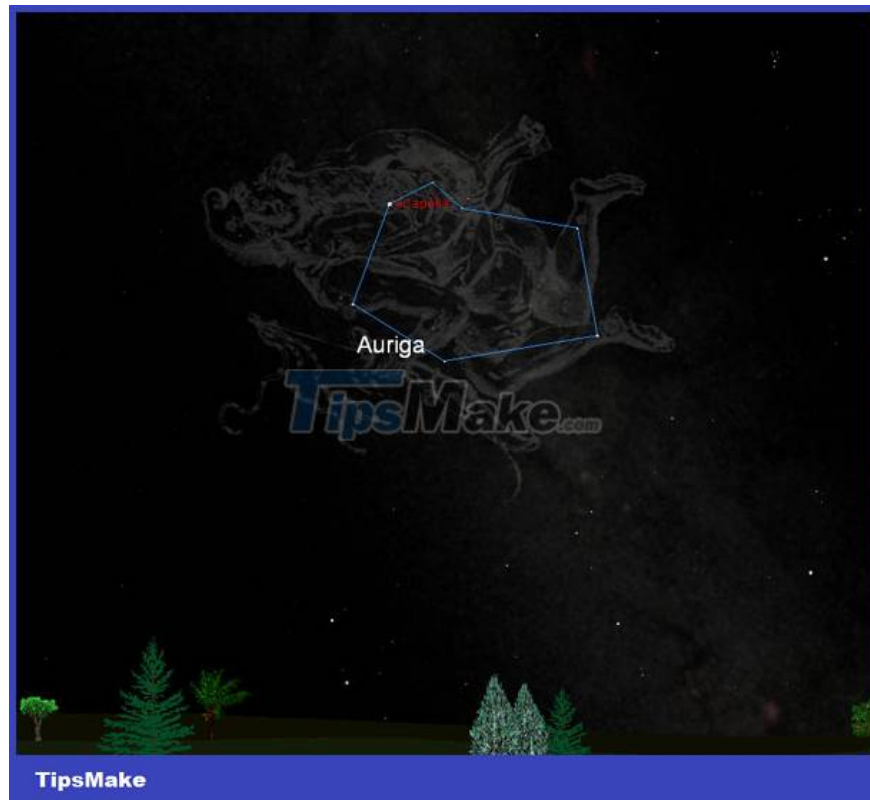
Procyon is the 8th brightest star in the sky with an apparent magnitude of 0.38 and an absolute magnitude of 2.6. This star is located in the constellation Canis Minor, 11.4 light-years from Earth.

## 8. Rigel



This is a giant blue star found in Orion, 1400 light-years from Earth. This 7th brightest star in the sky has an apparent magnitude of 0.12 and an absolute magnitude of -8.1.

## 7. Capella



Capella is the brightest star in the constellation Auriga, and the sixth brightest in the night sky with an apparent magnitude of 0.08 and an absolute magnitude of 0.4. This star is 41 light years from Earth.

## 6. Vega - Female Star



The star Vega in the constellation Lyra has an apparent magnitude of 0.03 and an absolute magnitude of 0.6. Venus is 25 light-years from Earth.

## 5. Arcturus - Star of Enlightenment



Located in the constellation Bootes, Arcturus is one of the brightest and closest stars to us, 34 light-years from Earth. This star is orange-yellow with an apparent magnitude of -0.04 and an absolute magnitude of 0.2.

## 4. Rigil Kentaurus



Although Rigil Kentaurus' luminosity is due to the density of the star system around it - known as Alpha Centauri Rigil Kentaurus, it is still the third brightest star in the night sky. Rigil Kentaurus is the Sun's nearest neighbor and is 4.3 light-years from Earth. The apparent magnitude of this star is -0.27 and the absolute magnitude is 4.4

## 3. Canopus



Canopus is in the constellation Carina, 74 light-years from Earth. It is the second brightest star in the sky with an apparent magnitude of  $-0.72$  and an absolute magnitude of  $-2.5$ .

## 2. Sirius - Celestial Star



Sirius is 8.6 light-years from Earth and is located in the constellation Canis Major. Its apparent luminance is  $-1.46$  and absolute luminance is  $1.4$ .

# 1. The Sun (The Sun)



The Sun is the brightest star with an apparent magnitude of  $-26.72$  and an absolute magnitude of  $4.2$ . It is closest to our planet at a distance of  $9149\ 668\ 992$  km.

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