

Deneb

Cygnus, the constellation where Deneb is found.

Deneb (also named Arided, α Cygni, alpha Cygni, α Cyg) is the brightest [star](#) in the [constellation](#) of [Cygnus](#). It, along with [Vega](#), and [Altair](#) make up the Summer Triangle asterism.

It has an [apparent magnitude](#) of 1.25, which means that it is the [20th brightest star](#) in the night sky. However its distance from the sun and [luminosity](#) are difficult to calculate, but it's distance is estimated to be approximately 2,600 [light years](#) away. It is thought to be between 55,000 and 196,000 times as luminous as the [Sun](#).^[1]

Deneb is a blue supergiant that is 203 times larger than the Sun.^[2]

Deneb will be the [Pole Star](#) in the year 9800 AD.^[3]

References

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1. [↑] ["IAU Catalog of Star Names"](#). Retrieved 28 July 2016.
2. [↑] Przybilla, N.; Schiller, F. (1 March 2008). ["Quantitative spectroscopy of Deneb"](#). *Astronomy & Astrophysics*. **479** (3): 849–858. [arXiv:0712.0040](#) . [Bibcode:2008A&A...479..849S](#). [doi:10.1051/0004-6361:20078590](#). [S2CID 119225384](#) – via [www.aanda.org](#).
3. [↑] ["Deneb"](#). *stars.astro.illinois.edu*.

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