

Night Sky Viewing Guide

Discover the amazing wonders of the night sky with this expanded edition to 100 Things to See in the Night Sky, perfect for every amateur stargazer and armchair astronomer! Keep your feet on the ground and experience the night sky to the fullest by exploring planets, satellites, and constellations with this all-inclusive reference guide to space. 100 Things to See in the Night Sky, Expanded Edition is full of information on the many amazing things you can see with a telescope, or just your naked eye! From shooting stars to constellations and planets to satellites, this book gives you a clear picture of what you can see on any given night. Learn about the celestial bodies that have captured people's imaginations for centuries, with specific facts alongside traditional myths and beautifully illustrated photographs and star charts that will help you know where to look for the best view. With this illuminating guide, you'll enjoy hours of stargazing, whether you're travelling, camping, sitting in your back yard, or simply flipping through the beautiful images in this book.

A comprehensive handbook to the planets, stars and constellations visible from the southern hemisphere. 6 pages for each month covering January–December 2021.

The perfect gift for amateur and seasoned

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astronomers. Follow the progress of constellations throughout the seasons with this beautiful companion to the night sky from Astronomy experts Collins.

A portable guidebook for enjoying the night sky in 2022. 2022 Night Sky Almanac is the ideal resource for both novice and experienced sky watchers in the United States and Canada, with all of the advice, information and data that enthusiasts need to understand and enjoy the wonders of the night sky. This in-depth guide first introduces readers to the objects in the sky -- from stars, to comets, to globular clusters -- and then takes them through the cosmic events to look out for each month in 2022, with sky maps, moon phase charts and info about the planets. The book also features: Methods for using your hands to measure angles in the sky Information about binoculars and telescopes A glossary of terms A list of helpful resources And much, much more! 2022 Night Sky Almanac is both a comprehensive introduction to astronomy and a quick reference book for more experienced sky watchers who don't want to miss a thing. Its compact size means it's perfect for taking on an "astro-vacation" or simply sky viewing in the backyard. The Royal Astronomical Society of Canada (RASC) was founded ad hoc in 1868 and incorporated in 1890 with a dual membership of professionals and amateurs. It has 29 Canadian chapters and over 5,000 members. The

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Journal of The Royal Astronomical Society of Canada is entering its 115th year of publication, and the RASC also produces a number of other publications and guidebooks.

A beautifully presented, practical gift guide to 50 sights in the skies above us – complete with a glow-in-the-dark front cover. Explained with fascinating, easy-to-understand commentary from astrophysicist and science communicator, Sarah Barker, and illustrated throughout with captivating drawings by Maria Nilsson, each guide helps you locate an incredible sight. The book is divided into three main sections – and whether you use the naked eye, a telescope, or fall into a black hole of online research, you’ll discover the limitless wonder of the skies – from otherworldly phenomena on Earth like sun dogs, to planets, moons, stars, lunar craters and galaxy clusters. **Naked Eye:** Learn how navigators travelled in the past by finding the North Star; say hello to our astronauts and learn how to spot the International Space Station; see a red supergiant star (Betelgeuse); and find out more about solar eclipses. **Further Afield:** Find out more about the next closest galaxy, Andromeda; learn about the discovery of Saturn’s ‘ears’ (or rings!); spot an alien storm that’s as big as the Earth; and track ‘Little Green Men’ and ice volcanoes. **Far, Far Away:** Learn how baby stars are created by the Pillars of Creation; marvel at the Hubble Deep Field;

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and unearth the brightest things in our universe, quasars. The book also includes advice on ideal conditions for observing the stars, telescopes and binoculars, and navigating the skies. With extra tips and a rundown of useful tools, you'll find everything you need to get out there and look up!

(Illustrations are best viewed on a tablet.) An introductory guide to navigating your way around the night sky and identifying what you can see on any given night. Please note that this is the 2004 edition. Chart data is accurate to the end of 2009.

"If you buy just one guide...you won't do better than this" BBC Sky at Night Magazine "I will continue to enjoy 'Philip's Stargazing' as the months go by" Helen Sharman, Astronaut "Very useful indeed" Chris Lintott, Sky at Night presenter Discover the latest in stargazing with the new and definitive guide to the night sky. Whether you're a seasoned astronomer or just starting out, Philip's Stargazing 2022 is the only book you'll need. Compiled by experts and specially designed for use in Britain and Ireland, Stargazing 2022 acts as a handily illustrated and comprehensive companion. - 12 Brand-New Maps for year-round astronomical discovery - Month-to-Month information. Daily Moon Phase Calendar, highlighting special lunar events throughout the year - Planet Watch for ideal viewing days in 2022 - Avoid light pollution with our detailed Dark Sky Map - Expert advice and insight throughout from

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internationally renowned Professor Nigel Henbest - A 'Behind the Scenes' look at astrophotography from expert Robin Scagell - Complete calendar of major astronomical events, including the Top 20 Sky Sights of 2022 - Jargon Buster, explaining common or confusing terms - The planets' movements explained from solar and lunar eclipses to meteor showers and comets

This thoroughly revised and updated edition of the international bestselling guide to the night sky puts the universe at your fingertips, featuring more than 60 easy-to-read colour star charts that map the heavens - month by month and season by season - as different stars and constellations come and go.- Easy to use and lavishly illustrated, The Star Guide is expertly written by one of the world's leading writers on astronomy and space.- The high-quality planisphere is an invaluable tool for following the stars and constellations visible every hour of every night of the year.- Backing up visual observations of the night sky, special information sections provide essential reading to help understand the nature of stars and galaxies and what makes the universe tick.- Spectacular new images taken by the Hubble Space Telescope are the highlights of more than 150 full-colour photographs that provide the stunning backdrop to this unparalleled study of the night sky. Have Fun Exploring the Stars with Close-up Views of Space Objects Right from Your Own Backyard Take

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the mystery and struggle out of discovering new worlds. With hands-on tips, tricks and instructions, this book allows you to unleash the full power of your small telescope and view amazing space objects right from your own backyard, including: • Saturn's Rings • Jupiter's Moons • Apollo 11's Landing Site • Orion Nebula • Andromeda Galaxy • Polaris Double Star • Pegasus Globular Cluster • And much, much more!

100 Things to See in the Night Sky, Expanded Edition
Your Illustrated Guide to the Planets, Satellites, Constellations, and More
Simon and Schuster

Offers advice on observing the stars and constellations, discusses useful equipment, and includes information on the moon, comets, eclipses, and planets

Written for the amateur astronomer who wants to discover more in the night sky, this book explores the constellations and reveals many of the highlights visible with just your eyes or binoculars. The highlights include: * The myths and legends associated with the stars * Bright stars and multiple stars * Star clusters * Nebulae * Galaxies Each constellation has its own star chart and almost all are accompanied by graphics depicting the highlights and binocular views of the best objects. Whether you're new to astronomy or are an experienced stargazer simply looking to learn more about the

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constellations, this book is an invaluable guide to the night sky and the stars to be found there. Praise for other books by Richard J. Bartlett: "Would recommend, nicely laid out and easy to follow sky guide. Sensible and clear advice. I have a small scope and this books helped me enjoy it much more." by Dan M., on January 30, 2016 reviewing "Easy Things to See With a Small Telescope" "This is my third book from Mr. Bartlett and this one is as good as the others. I recommend it to all the beginners in my astronomy club." By Darren C. Bly on August 15, 2015 reviewing "2016: The Night Sky Sights" "Lots of wonderful information. A great reference guide and easy to follow. Every star gazer should have one with them" - By janine on November 18, 2015 reviewing "2015 An Astronomical Year" "This is a superb book, well laid out and easy to follow even if you are a complete novice or keen astronomer." by mr Fletcher on October 26, 2014 reviewing "The Astronomical Almanac, 2015-2019"

A guide to viewing the moon, planets, constellations and celestial events during different seasons. Serves as a useful reference guide to stargazers around the world.

You'll be seeing stars all year round in this dazzling guide to the night sky. This comprehensive reference ebook shines bright with crystal-clear month-by-month charts of the planets, stars, and constellations

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in the northern and southern hemispheres. The Night Sky Month by Month features specially-commissioned artworks and stunning photography introducing the main attractions to spot every month, including bright stars, key constellations, and meteor showers. You can get started with ideas for the best equipment to use and top tips for budding beginners and amateur astronomers alike. Then see for yourself how views of the night sky change dramatically depending on the location and time.

Soon you'll be navigating the night sky for yourself, following the paths of the planets, tracking the phases of the Moon, and preparing for special celestial events. Get ready to find your place in the Universe with the ultimate night sky atlas.

Get ready to explore the magical night sky. Find out everything there is to know about what you can spot in the sky, such as how explorers used constellations as a form of navigation. Also discover when is the best time to spot comets and why the Moon's appearance has changed over time. Night Sky Watcher includes everything from the Sun to the Moon, to the stars and planets. Symbols are used within the book to show what can be seen in the northern and southern hemispheres. This allows the reader to view exactly what they can see in the sky, regardless of their location.

Provides a guide for beginning stargazers, including sky maps and constellation charts, identification tips, and

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space facts and jokes.

Explore the star-studded cosmos with this fully updated, user-friendly skywatcher's guide, filled with charts, graphics, photographs, and expert tips for viewing -- and understanding -- the wonders of space. Stargazing's too much fun to leave to astronomers. In these inviting pages, "Night Sky Guy" Andrew Fazekas takes an expert but easygoing approach that will delight would-be astronomers of all levels. Essential information, organized logically, brings the solar system, stars, and planets to life in your own backyard. Start with the easiest constellations and then "star-hop" across the night sky to find others nearby. Learn about the dark side of the moon, how to pick Mars out of a planetary lineup, and which kinds of stars twinkle in your favorite constellations. Hands-on tips and techniques for observing with the naked eye, binoculars, or a telescope help make the most out of sightings and astronomical phenomena such as eclipses and meteor showers. Photographs and graphics present key facts in an easy-to-understand format, explaining heavenly phenomena such as black holes, solar flares, and supernovas. Revised to make skywatching even easier for the whole family, this indispensable guide shines light on the night sky--truly one of the greatest shows on Earth! Before GPS, before the compass, and even before cartography, humankind was navigating. Now this singular guide helps us rediscover what our ancestors long understood—that a windswept tree, the depth of a puddle, or a trill of birdsong can help us find our way, if we know what to look and listen for. Adventurer and

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navigation expert Tristan Gooley unlocks the directional clues hidden in the sun, moon, stars, clouds, weather patterns, lengthening shadows, changing tides, plant growth, and the habits of wildlife. Rich with navigational anecdotes collected across ages, continents, and cultures, *The Natural Navigator* will help keep you on course and open your eyes to the wonders, large and small, of the natural world.

Boxing's colourful history is filled with chapters of high drama and simmering controversy. Many boxing fans are familiar with the outcome of the most memorable bouts, but few know the secrets surrounding them. In *'The 12 Greatest Rounds of Boxing'*, Ferdie Pacheco not only selects the dozen best rounds ever fought, but reveals what went on behind the scenes at these fights, from chicanery and Mob influence to romantic liaisons and the zaniness that seems to go hand in glove with boxing. Did Muhammad Ali's 1965 *'Phantom Punch'* really knock out Sonny Liston, or was Sonny simply too scared to get off the canvas? With World War II looming, was German heavyweight champion warned by Adolf Hitler to beat Joe Louis - or else? Did Jack Dempsey have something illegal in his glove when he battered Jess Willard into bloody submission in 1919? The fascinating behind the scenes stories are related by Pacheco and a renowned group of boxing experts, offering an intimate glimpse of boxing inimitable characters and the often bizarre world they inhabit.

See *What's Out There* To experience the greatest show on Earth, all you have to do is look up. Whether you're stargazing from a bustling city or a small-town backyard,

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Astronomy with a Home Telescope helps you deepen your appreciation of the diverse, dazzling constellations--with either a home telescope or a pair of binoculars. Ideal for budding astronomers to astronomy buffs, Astronomy with a Home Telescope provides the origin and history behind the celestial bodies and how they came to be in space. Featuring full-color photos, easy-to-follow chapters, and helpful resources, this introductory guide will deepen every astronomy enthusiast's know-how of the night sky. Get set for stargazing, with: Informative profiles of the 50 most common astronomy objects, from the Moon to Mars to Venus, plus fun astronomy pop culture references A double-page spread featuring a clear schedule of solar and lunar eclipses Budget-friendly tips for viewing with the naked eye or binoculars Expert tips for cleaning and maintaining low- or high-powered telescopes Expand your horizons. Astronomy with a Home Telescope is the ideal companion for exploring the cosmos.

If you look up at the sky on a dark night, what do you see? There's a whole universe staring back at you. In the company of Felicity the cat discover the phases of the moon, the constellations and how to spot the Northern Lights and the Milky Way. This beautiful and fun book will introduce you to the beauty of the night sky and show you the stars like you've never seen them before.

Constellations is a guide to the night sky that focuses on these 88 distinctive patterns, revealing their often intriguing stories--their origins, mythology, present-day significance, and the multitude of wondrous objects they contain. Complete with over 300 of the best astronomical

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images ever captured, a comprehensive introduction to the stars and other celestial phenomena, and a series of newly commissioned, state-of-the-art maps showing the stars that are visible from populated latitudes in both hemispheres throughout the year, this magnificent guide has all you need to know to become an expert stargazer. Step outside on a clear night, and the number of stars in the night sky can be overwhelming. Take a pair of binoculars or a small telescope with you, and a celestial vista of star clusters and clouds, knots of gas and dust, nearby planets and distant galaxies is revealed. Since ancient times, stargazers have made sense of the night sky by grouping its stars into constellations—star patterns that often have symbolic or mythological meanings.

A guide to viewing stars, the moon, planets, meteors, comets, and aurora through binoculars. Features a foreword by renowned astronomer and writer David Levy. Includes a complete guide to current binocular brands and models and explains what to look for in each season.

This new edition of Philip's Stargazing with a Telescope has been fully revised and updated to include the latest telescopes and accessories on the market. The book reveals what to expect from a telescope and how to choose the right one. It gives straightforward explanations of how they work, and how to progress from first-time user to hobby observer. In addition, it gives practical help for setting up and using any telescope, and provides lists of objects to look at with different sizes of telescope, from both town and country, including the

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Sun, Moon, planets, comets, asteroids, stars, clusters, variable stars, double stars, novae and supernovae, nebulae and galaxies. Aimed principally at newcomers to astronomy of all ages, who would like to begin observing for themselves, Philip's *Stargazing with a Telescope* describes the full range of telescopes that are internationally available, with examples of objects to observe from both northern and southern hemispheres. It also gives informative advice about suitable accessories, such as eyepieces and filters, plus suggestions for astrophotography using cameras, CCDs and webcams. The guidance given is appropriate for all observing conditions. The book also includes a glossary of technical terms and an index, making it even easier for the beginner to use and understand.

Stargazing is among the most peaceful and inspiring outdoor activities. *Night Sky*, the award-winning book by Jonathan Poppele, makes it more fun than ever! Take a simple approach to finding 62 constellations by focusing on one constellation at a time, instead of attempting to study dizzying charts. Start with the easy-to-find constellations during each season and work toward the more difficult ones. Better yet, you'll learn how to locate any constellation in relation to the Big Dipper, the North Star and the top of the sky. With two ways to locate each constellation, you'll know where in the sky to look and what to look for! Along the way, you'll be introduced to mythology, facts and tidbits, as well as details about the planets, solar system and more! As an added bonus, the book comes with a red-light flashlight for night reading. "This is a great guide to the night sky at a great

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price” Astronomy Now “A handy and straightforward guide ... attractive little booklet” British Astronomical Association's 'Journal' “an ideal Christmas stocking-filler” The Observatory

A basic guide for beginning observers of the night sky, introducing information on the locations, names, and characteristics of stars.

"IF YOU BUY JUST ONE GUIDE... YOU WON'T DO BETTER THAN THIS" BBC Sky at Night Magazine "I WILL CONTINUE TO ENJOY 'STARGAZING' AS THE MONTHS GO BY" Helen Sharman, Astronaut "VERY USEFUL INDEED" Chris Lintott, Sky at Night presenter

Discover the latest in star gazing with the new and definitive guide to the night sky. Whether you're a seasoned astronomer or just starting out, Philip's Stargazing 2021 is the only book you'll need. Compiled by experts and specially designed for use in Britain and Ireland, Stargazing 2021 acts as a handily illustrated and comprehensive companion. - 12 Brand-New Maps for year-round astronomical discovery - Month-to-Month information Daily Moon Phase Calendar, highlighting special lunar events throughout the year - Planet Watch for ideal viewing days in 2021 - Avoid light pollution with our detailed Dark Sky Map - Expert advice and insight throughout from internationally renowned Professors Couper and Henbest - Using Binoculars - Stargazing recommendations from expert Robin Scagell - Perfect for home use during lockdown - Complete calendar of major astronomical events, including the Top 20 Sky Sights of 2021 - Jargon Buster, explaining common or confusing terms - The planets' movements explained from solar

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and lunar eclipses to meteor showers and comets
Turn your eyes to the skies for this starry-eyed
spectacular! Take this practical page-turner on your out-
of-this-world adventure to experience cosmic wonders,
key constellations, and intergalactic information. Includes
crystal-clear visuals, easy-to-read maps, and top tips,
you'll have no problems navigating the starry night with
this indispensable guide. Discover the most important
constellations visible in the Northern Hemisphere, read
the amazing stories behind each constellation, recognize
the constellations of the zodiac, and experience the Milky
Way as never before. Learn how to spot planets,
galaxies, and nebulas in our Universe, as mind-blowing
patterns in the sky are revealed in unprecedented detail.
Star Finder! is the complete guide for aspiring
astronomers and rising stars everywhere.

"Simple and convenient. Choose your season, and
discover the many wonders of stargazing." --Back cover.
The ultimate illustrated guide to the most spectacular
objects in the night sky, fully updated and revised. Night
Sky: A Falcon Field Guide covers summer and winter
constellations, planets, and stars found in the northern
hemisphere. Conveniently sized to fit in a pocket and
featuring detailed photographs, this informative guide
makes it easy to identify objects in the night sky even
from one's own backyard. From information on optimal
weather conditions, preferred viewing locations, and how
to use key tools of the trade, this handbook will help you
adeptly navigate to and fro the vast and dynamic
nighttime skies, and you'll fast recognize that the night
sky's the limit.

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A field guide to help backyard explorers, hikers, and nature lovers discover and identify North America's diverse community of reptiles and amphibians.

"This is a great guide to the night sky at a great price" Astronomy Now "A handy and straightforward guide ... attractive little booklet" British Astronomical Association's 'Journal' "an ideal Christmas stocking-filler" The Observatory Bestselling handbook to the planets, stars and constellations visible from the northern hemisphere. 6 pages for each month covering January-December 2021. An easy introduction to astronomy and a useful reference for seasoned stargazers. Now includes a section on comets and a map of the moon. Designed for Britain and Ireland but usable anywhere in the world between 40°N and 60°N, covering most of Europe, southern Canada and the northern United States. Written and illustrated by astronomical experts, Storm Dunlop and Wil Tirion, and approved by the astronomers of the Royal Observatory Greenwich. Content includes: * Advice on where to start looking * Easy-to-use star maps for each month with descriptions of what to see * Positions of the moon and visible planets * Details of objects and events you might see in 2021 * Now in three editions: Britain and Ireland; North America; Southern Hemisphere. "Unless otherwise noted, Scripture quotations are from the New King James Version of the Bible."--T.p. verso.

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"I WILL CONTINUE TO ENJOY STARGAZING AS THE MONTHS GO BY" Helen Sharman, astronaut
"VERY USEFUL INDEED" Chris Lintott, Sky at Night presenter
"IF YOU BUY JUST ONE GUIDE... YOU WON'T DO BETTER THAN THIS" BBC Sky at Night Magazine
Philip's Month-by-Month Stargazing 2020 is the new, bestselling and most-up-to-date guide for Stargazers in Britain and Ireland. The new 2020 edition has been completely revised to make it even more essential for exploring the night skies - making the night sky accessible to beginners and experts alike. · 12 month-by-month Night Sky Maps for year-round stargazing · Monthly Calendar of moon phases and special events in 2020 · Planet Watch: the best viewing days for planets in 2020 · Dark Sky Map of the UK - find the darkest skies · How to photograph the night skies - with cameras and smartphones · The major astronomical events of 2020 · Month-by-month Top 20 Sky Sights 2020 · Plus new, illustrated Jargon Buster Plus: · Expert advice on what to see each month from Heather Couper and Nigel Henbest, Philip's internationally renowned authors. · The Solar System 2020 explains the movement of the planets, with particular attention paid to their positions in 2020. Solar and lunar eclipses, meteor showers and comets are also described. · Expert Robin Scagell's Equipment Review looks at the pros and cons of Stargazing with reflector or refractor telescopes. · And all superbly

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illustrated with photographs taken by the best amateur photographers illustrating the night skies. About the Authors Philip's Stargazing Month by Month 2020 is written by two of the UK's best-known and respected astronomers. Prof. Heather Couper and Prof. Nigel Henbest are qualified astrophysicists, dedicated to sharing their love of the cosmos to everyone. They work in TV and radio broadcasting, international presentations, and have written over fifty popular books between them.

This is an introductory guide to the night sky, from the Royal Observatory Greenwich. Offering complete advice from the ground up, Stargazing is the perfect manual for beginners to astronomy, introducing the world of telescopes, planets, stars, dark skies and celestial maps. Discover how to tackle light pollution, how to stargaze with just your eyes, and what equipment is best for beginners. This book explains the best ways to plan your stargazing experience and the keys things to look out for on specific dates throughout the year. With seasonal star charts, constellation charts and facts about our Solar System, Stargazing is packed full of useful information and guidance for both the Northern and Southern Hemispheres. Bridging the gap between human curiosity and the need for scientific expertise, Stargazing allows a complete novice to understand our place in the cosmos and enjoy the beautiful and extraordinary wonders of the night sky.

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This informative guide is an excellent introduction to the stars, constellations and nebulae that make up the visible sky at night. Nearly two-thirds of Americans no longer live in a place where the Milky Way, our home galaxy, is visible after dark. This guide not only shows you when it is visible, but also describes its major features and where to travel in order to see it. The guide contains three maps showing the evening sky four months apart, covering the entire year. Major stars and constellations are shown in each along with the position of the Milky Way. Information is given for how to spot these features during the night and any time of year. A fourth map highlights specific details of the summer Milky Way, the most spectacular sight anyone can see without need of a telescope, or even binoculars, under naturally dark conditions. In addition, we also provide a map of the United States showing where the darkest locations are and under what conditions the Milky Way and a sky full of stars are still visible. If you are planning a trip to a national park, where night sky programs, are some of the most popular programs offered to the public, or are looking to identify where the closest place to see a meteor shower or just enjoy the natural beauty of the Milky Way stretching from horizon to horizon, this guide provides what you are looking for.

An extensively illustrated reference for beginner-level stargazing enthusiasts covers basic principles

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without using complicated scientific language, providing star charts and tables that list key facts in an easy-to-understand format. Original.

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