



# The Illustrated Brief History of Time, Updated and Expanded Edition

*By Stephen William Hawking*

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## The Illustrated Brief History of Time, Updated and Expanded Edition By Stephen William Hawking

In the years since its publication in 1988, Stephen Hawking's **A Brief History Of Time** has established itself as a landmark volume in scientific writing. It has become an international publishing phenomenon, translated into forty languages and selling over nine million copies. The book was on the cutting edge of what was then known about the nature of the universe, but since that time there have been extraordinary advances in the technology of macrocosmic worlds. These observations have confirmed many of Professor Hawkin's theoretical predictions in the first edition of his book, including the recent discoveries of the Cosmic Background Explorer satellite (COBE), which probed back in time to within 300,000 years of the fabric of space-time that he had projected.

Eager to bring to his original text the new knowledge revealed by these many observations, as well as his recent research, for this expanded edition Professor Hawking has prepared a new introduction to the book, written an entirely new chapter on the fascinating subject of wormholes and time travel, and updated the original chapters.

In addition, to heighten understanding of complex concepts that readers may have found difficult to grasp despite the clarity and wit of Professor Hawking's writing, this edition is enhanced throughout with more than 240 full-color illustrations, including satellite images, photographs made possible by spectacular technological advance such as the Hubble Space Telescope, and computer generated images of three and four-dimensional realities. Detailed captions clarify these illustrations, enable readers to experience the vastness of intergalactic space, the nature of black holes, and the microcosmic world of particle physics in which matters and antimatter collide.

A classic work that now brings to the reader the latest understanding of cosmology, **A Brief History Of Time** is the story of the ongoing search for the tantalizing secrets at the heart of time and space.

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"He can explain the complexities of cosmological physics with an engaging combination of clarity and wit—His is a brain of extraordinary power."—*New York Review of Books*

"Hawking has succeeded in writing two intertwined books, one a highly readable and popular account of the role of time in physics, the other an in-depth review—What makes all this so interesting is Hawking's ability to convey the essential physics in words alone."—*Physics Today*

"In his first work of popular science, Stephen Hawking proves himself to be a master of vivid clarity—It's difficult to think of anyone else living who could have put these mathematically formidable subjects more clearly."—*Chicago Tribune*

"A masterful summary of what physicists now think the world is made of and how it got that way."—*Wall Street Journal*

"This book marries a child's wonder to a genius's intellect. We journey into Hawking's universe while marvelling at his mind."—*Sunday Times*, London

"The famous theoretical physicist best known for his inquiries into the nature of black holes—turns out to be as skilled a popular writer as he is a mathematician—The result is probably the best single book on astrophysics for the common reader. Thank you, Dr. Hawking!"—*Booklist*

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"Charming and lucid—gives the general reader an opportunity to learn some deep science directly from the source—[A book of] sunny brilliance."—*New Yorker*

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--*The New York Times*

"Charming and lucid...gives the general reader an opportunity to learn some deep science from the source...[A book of] sunny brilliance."  
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"This book marries a child's wonder to a genius's intellect. We journey into Hawking's universe while marveling at his mind."

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