**Time travel** is the concept of movement between certain points in [time](https://en.wikipedia.org/wiki/Time), [analogous](https://en.wikipedia.org/wiki/Analogy) to movement between different points in [space](https://en.wikipedia.org/wiki/Space) by an object or a person, typically with the use of a hypothetical device known as a **time machine**. Time travel is a widely recognized concept in [philosophy](https://en.wikipedia.org/wiki/Philosophy_of_space_and_time) and [fiction](https://en.wikipedia.org/wiki/Time_travel_in_fiction), particularly [science fiction](https://en.wikipedia.org/wiki/Science_fiction). The idea of a time machine was popularized by [H. G. Wells](https://en.wikipedia.org/wiki/H._G._Wells)'s 1895 novel [*The Time Machine*](https://en.wikipedia.org/wiki/The_Time_Machine).[[1]](https://en.wikipedia.org/wiki/Time_travel#cite_note-1)

It is uncertain if time travel to the past is physically possible. Forward time travel, outside the usual sense of [the perception of time](https://en.wikipedia.org/wiki/Time_perception), is an extensively observed phenomenon and well-understood within the framework of [special relativity](https://en.wikipedia.org/wiki/Special_relativity) and [general relativity](https://en.wikipedia.org/wiki/General_relativity). However, making one body advance or delay more than a few milliseconds compared to another body is not feasible with current technology. As for backward time travel, it is possible to find [solutions in general relativity](https://en.wikipedia.org/wiki/Exact_solutions_in_general_relativity) that allow for it, such as a rotating [black hole](https://en.wikipedia.org/wiki/Black_hole). Traveling to an arbitrary point in spacetime has very limited support in [theoretical physics](https://en.wikipedia.org/wiki/Theoretical_physics), and is usually connected only with [quantum mechanics](https://en.wikipedia.org/wiki/Quantum_mechanics_of_time_travel) or [wormholes](https://en.wikipedia.org/wiki/Wormhole).