Black hole  
   
Black hole  
A black hole is an astronomical body so dense that its gravity prevents anything from escaping, even  
light. Albert Einstein's theory of general relativity predicts that a sufficiently compact mass will form a  
black hole. The boundary of no escape is called the event horizon. In general relativity, a black hole's  
event horizon seals an object's fate but produces no locally detectable change when crossed. In many  
ways, a black hole acts like an ideal black body, as it refle

## Wikipedia Excerpt: Artificial intelligence

Artificial intelligence (AI) is the capability of computational systems to perform tasks typically associated with human intelligence, such as learning, reasoning, problem-solving, perception, and decision-making. It is a field of research in computer science that develops and studies methods and software that enable machines to perceive their environment and use learning and intelligence to take actions that maximize their chances of achieving defined goals.  
High-profile applications of AI include advanced web search engines (e.g., Google Search); recommendation systems (used by YouTube, Amazon, and Netflix); virtual assistants (e.g., Google Assistant, Siri, and Alexa); autonomous vehicles (e.g., Waymo); generative and creative tools (e.g., language models and AI art); and superhuman play and analysis in strategy games (e.g., chess and Go). However, many AI applications are not perceived as AI: "A lot of cutting edge AI has filtered into general applications, often without being calle