Subject: Re: Hadron Collider
Posted by Jerad2142 on Thu, 18 Sep 2008 19:35:04 GMT
View Forum Message <> Reply to Message

RoShamBo wrote on Thu, 18 September 2008 10:04The event horizon is the level from the singularity where light cannot escape. Past the event horizon, the escape velocity is faster than the speed of light so escape is impossible.

A black hole is pretty much a planet a mile or so across. It has the same gravity as the star that gave birth to it. If you could stand on the surface of a star you'd feel the same gravity as if you were standing the same distance away from a black hole.
So since a black hole is only a mile across, and a star is lets say 10,000 miles. If you stood 9,999 miles away from the black hole you will feel the same gravity as if you were standing on the star. Not the whole star as it blasts off the outer layers in the supernova.

If you fell into a black hole, and somehow stayed in one piece. You wouldn't go down a "funnel" you would just hit a planet. If you could look at the sky, you would see just see blinding light.
In theory gravity also effects the flow of time, it slows it down as it gets stronger, if that is correct, and you did manage to stand inside the black hole on the surface of the ex-object, you would probably get a pretty good show of white and then the sky would go black, as the universe came to an end, due to you being in such a slow warp of time.