

## Re: Why did color vision evolve?

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- *From:* "feedbackdroid" <feedbackdroid@xxxxxxxx>
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On Feb 13, 9:43 am, "KoosHopeloos" <kooshopel...@xxxxxxxxxxxx> wrote:

L.S.,

Perhaps a very simple question, but why did (color) vision evolve?

Much is known and speculated on how from a rudimentary eye, vision and color vision might have evolved, but it seems like a big energy investment. Also the brain would have to adapt or be able to interpreted the signals.

But still, why did (color) vision evolve? Wouldn't it be enough to see in black and white?

I got this question from friend of mine and I was not able to answer it! And on Google (Scolar) there only thing to find on how it evolved.

Can you point me to some articles, books or websites?

Color vision exists in insects, birds, and many fishes, in additional to many mammals. You will notice that mammals that evolved to live in nocturnal environments are mostly colorblind, including rodents, cats, and canines. In dark nocturnal environments, everything looks black +white, or shades of grey. OTOH, the world of daylight has natural color everywhere, including blue sky and green foliage and colored fruits and flowers. That should be a clue.