

## Parts of the Eye

Pupil: a dark transparent region in the centre of the eye where light enters

Iris: the colored circle of muscle surrounding the pupil  
↳ controls the amount of light entering the eye.

Sclera: the white part of the eye surrounding the iris

Cornea: transparent tissue covering the iris and pupil

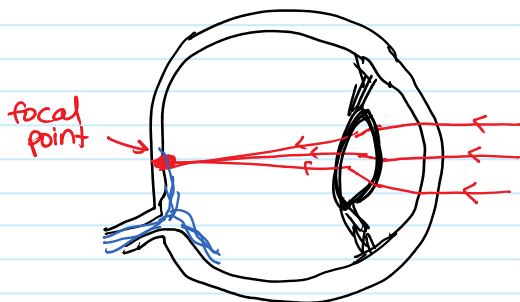
Lens: - convex lens is behind the pupil  
- focuses light onto the retina

Retina: - located in the back of the eye  
- covered with light sensitive cells called RODS and CONES  
↳ convert light energy into electrical energy.

Optic Nerve: sends electrical signals to the brain.

## The Cornea - Lens - Retina system

- light rays first enter the eye are refracted by the cornea  
↳ converge towards the retina
- light then passes through the lens which "fine tunes" the focus.
- the image that forms on the retina is inverted
- the area where the optic nerve enters the retina is called the blind spot  
↳ this area has no light-sensing cells



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