



04

Sensation and Perception

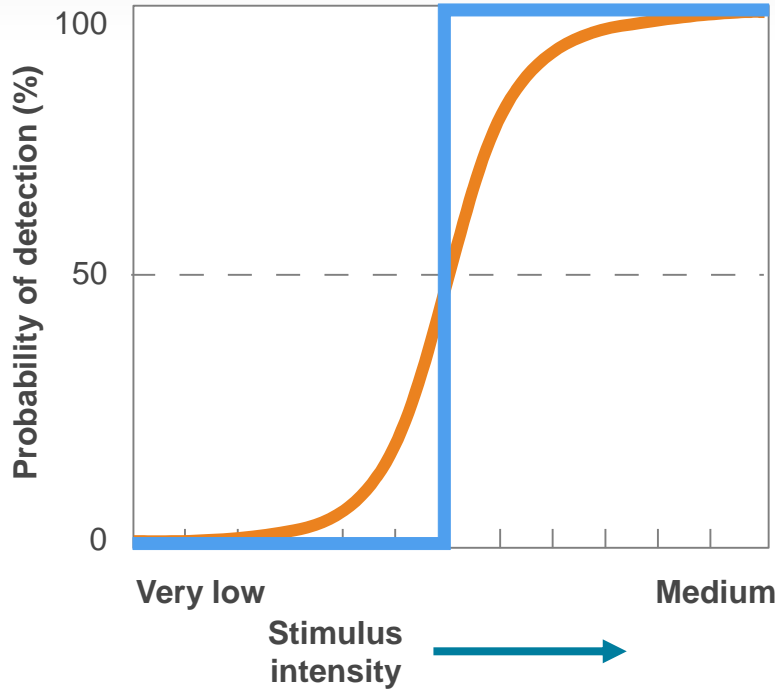
Psychophysics: Basic Concepts and Issues

Essentials of Sight

04

Psychophysics: Basic Concepts and Issues

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Absolute
Threshold

Sensation
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Basic Concepts
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Psychophysics: Basic Concepts and Issues

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Single detection theory



Actual stimulus condition

Present

Absent

Subject's response
"Present"
"Absent"

Hit	False alarm
Miss	Correct rejection

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Psychophysics: Basic Concepts and Issues



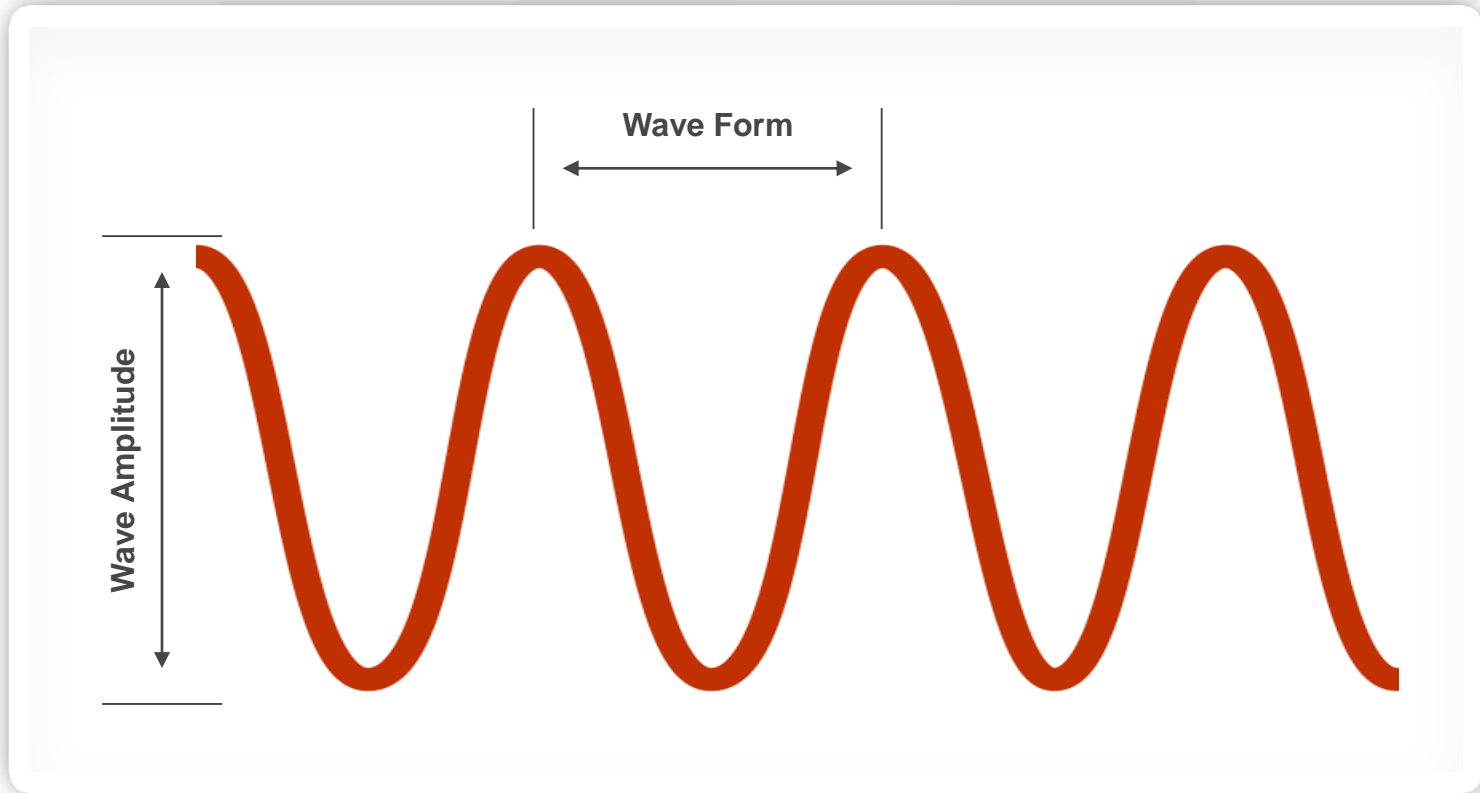
Subliminal Perception

Sensory Adaptation

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Amplitude and Wavelength

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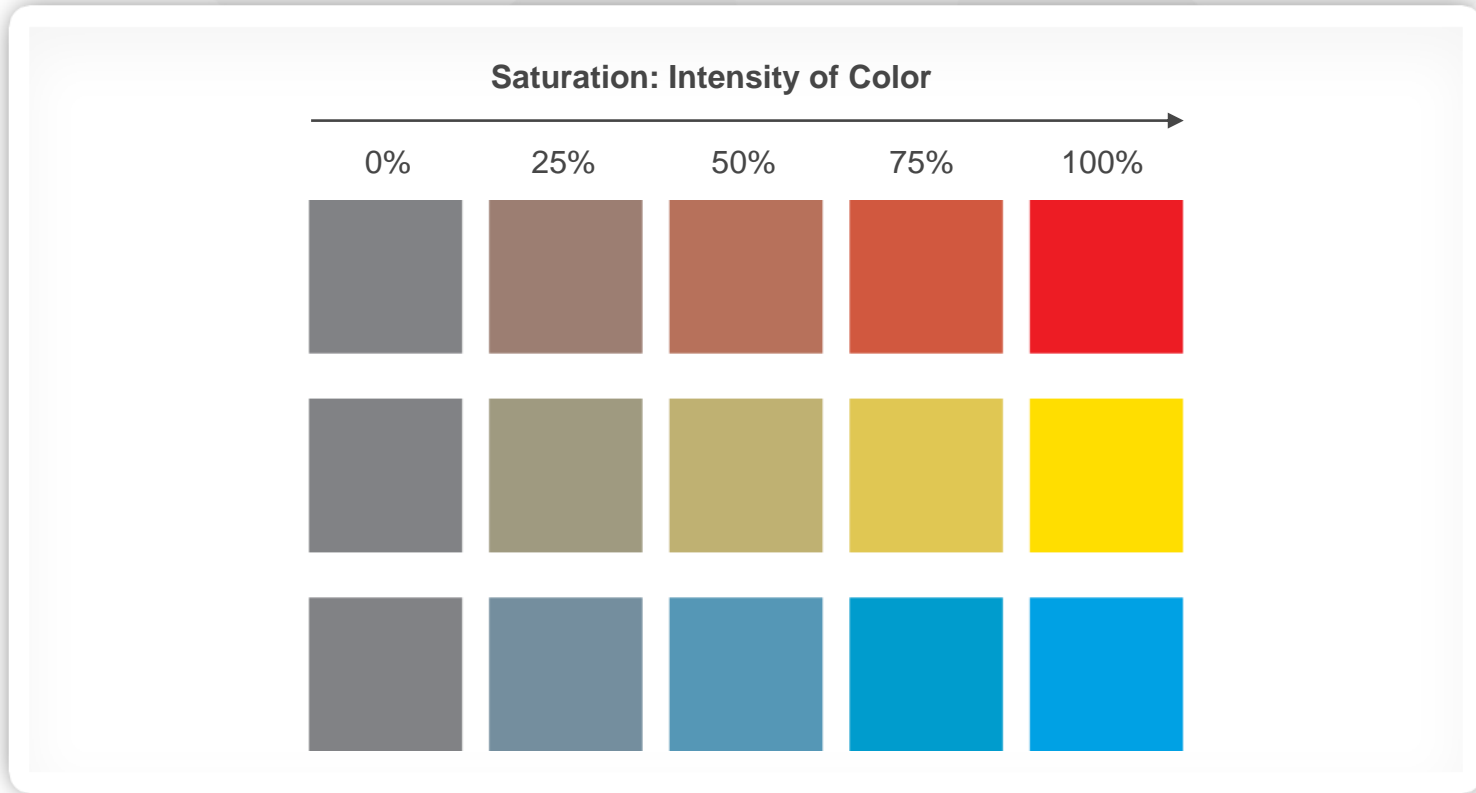
The Visual
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04 Saturation

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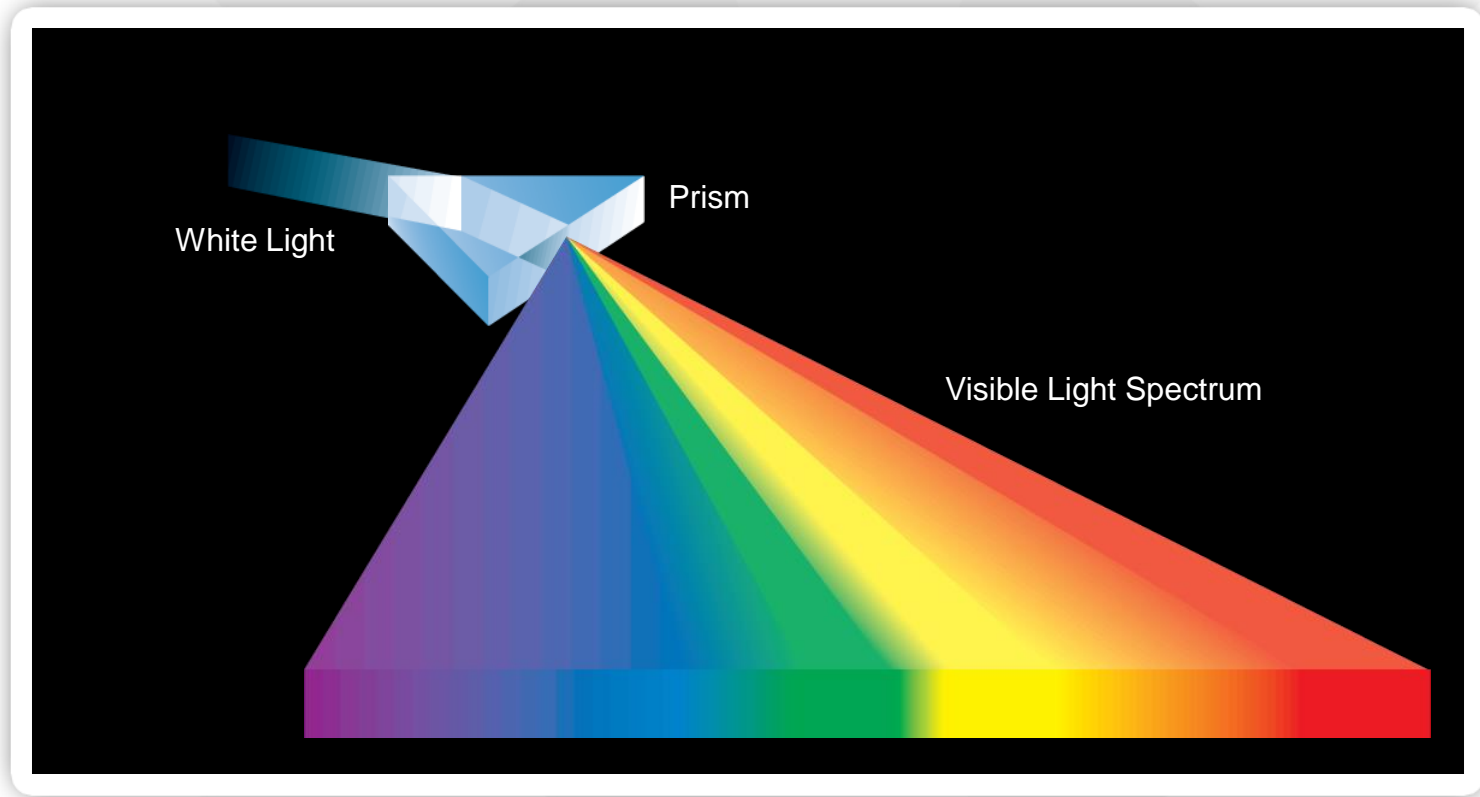
The Visual
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04 The Visible Spectrum

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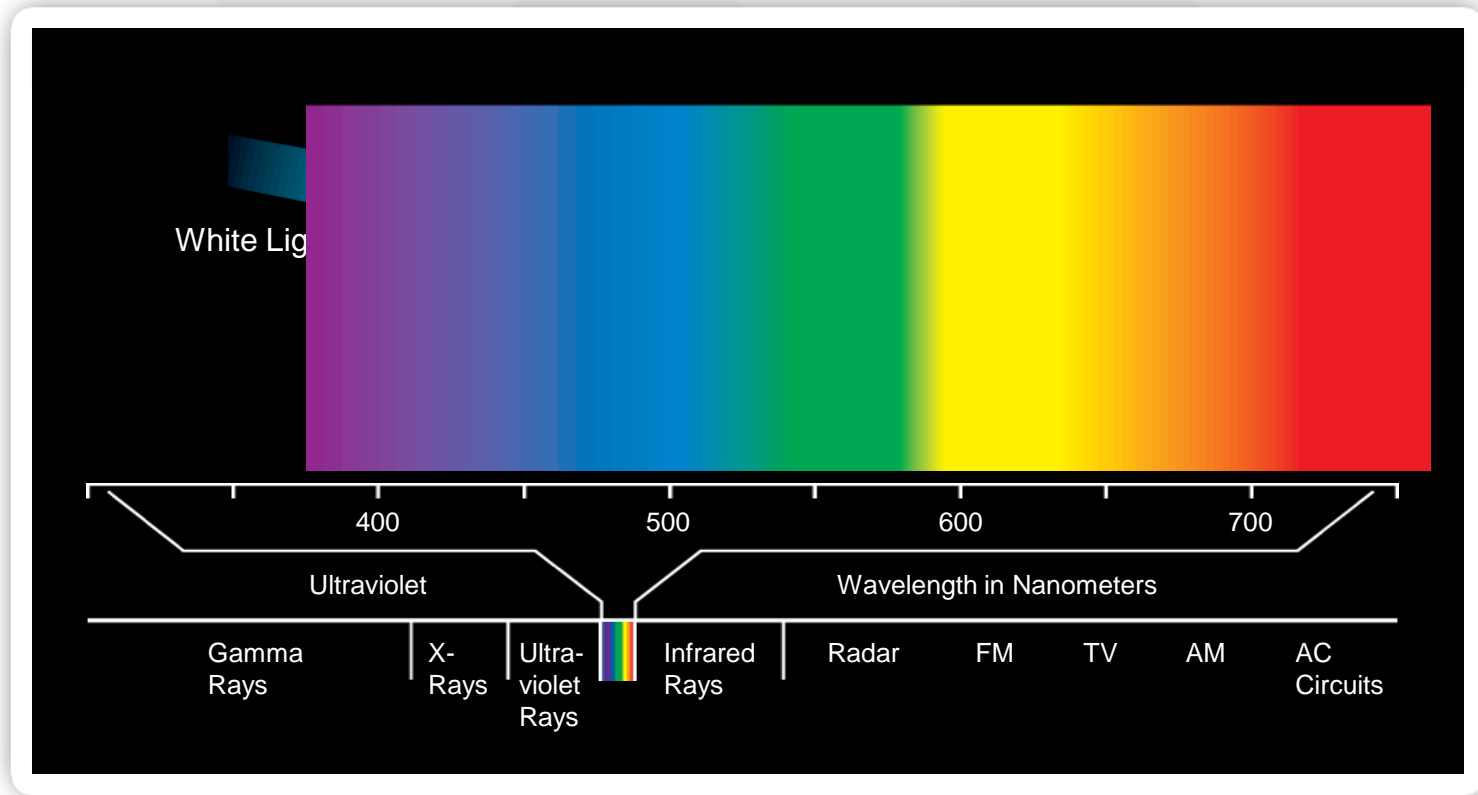
The Visual
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04 Total Range of Wavelengths

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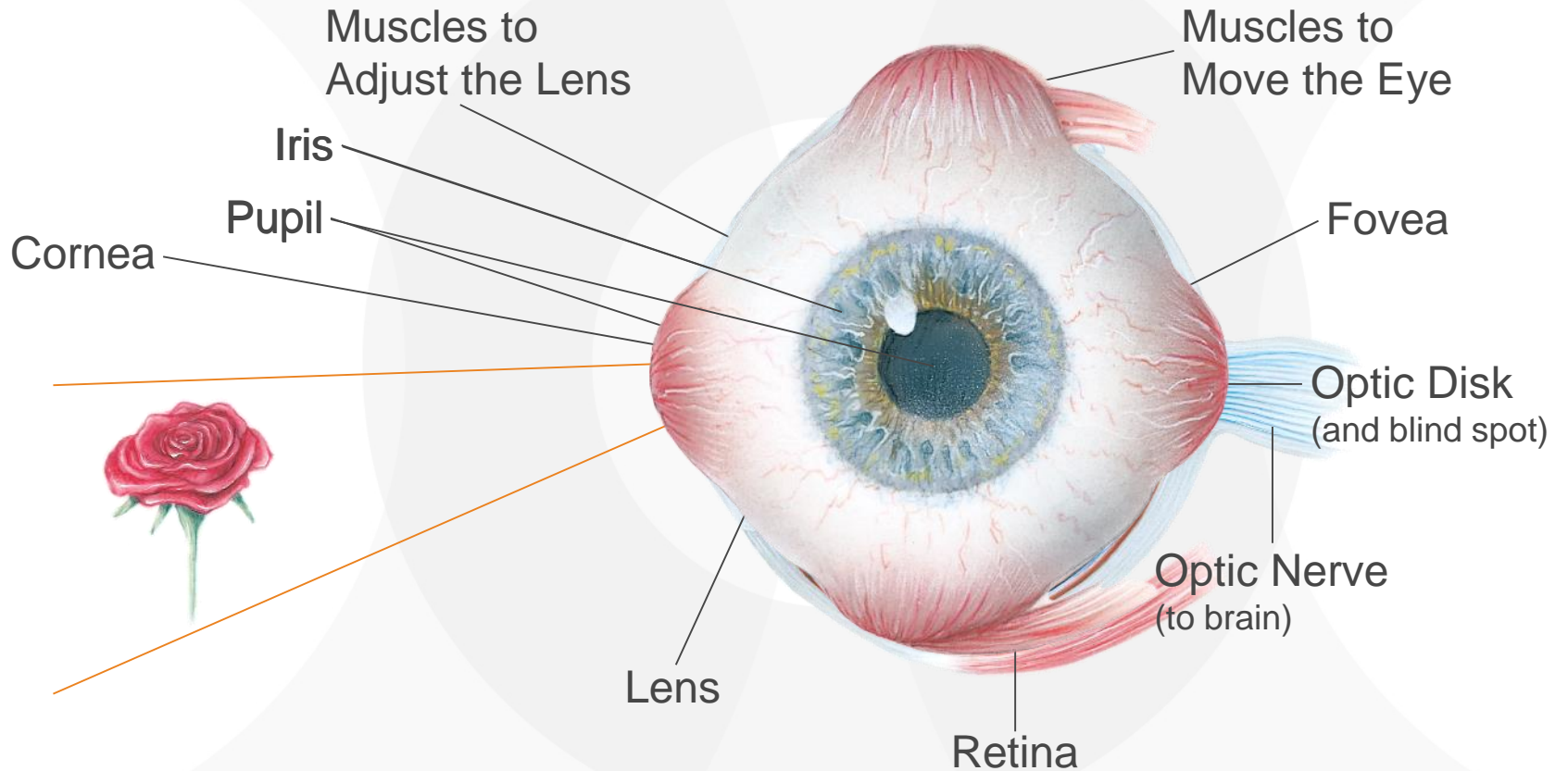
The Visual
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04 The Eye

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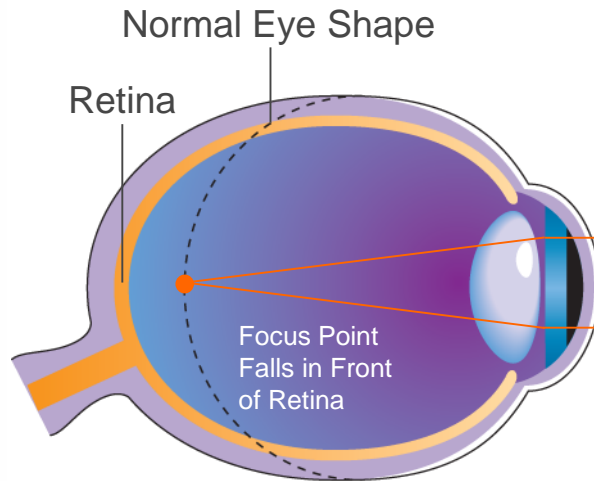
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04 Nearsightedness

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Nearsightedness



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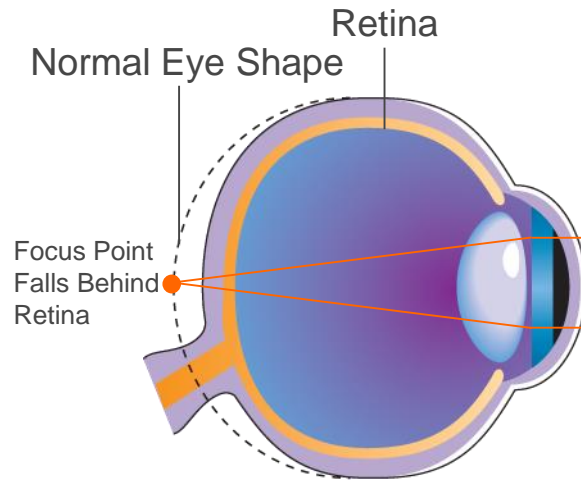
The Other
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04 Farsightedness

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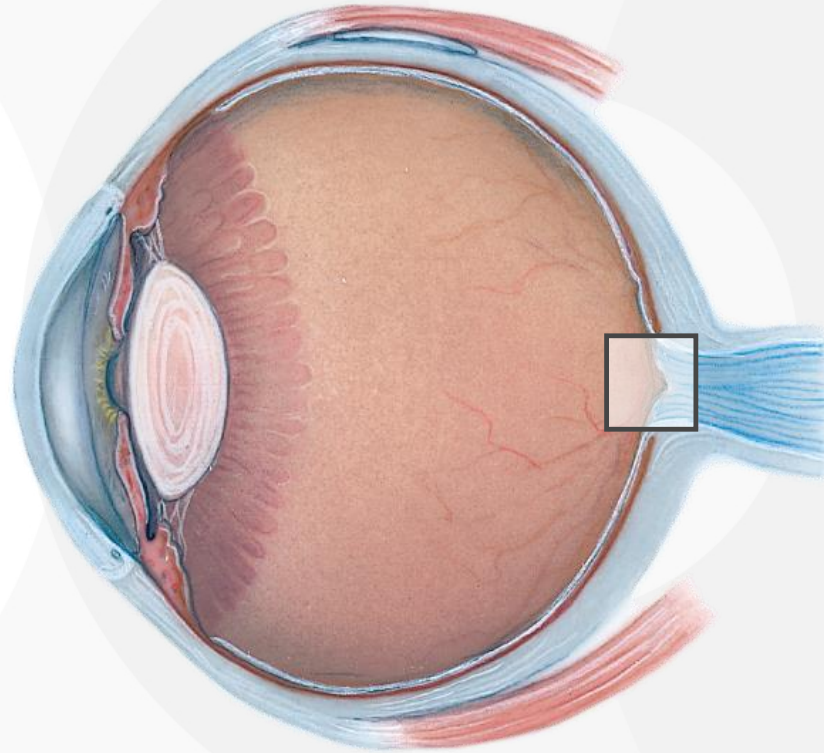


Farsightedness



04 The Retina

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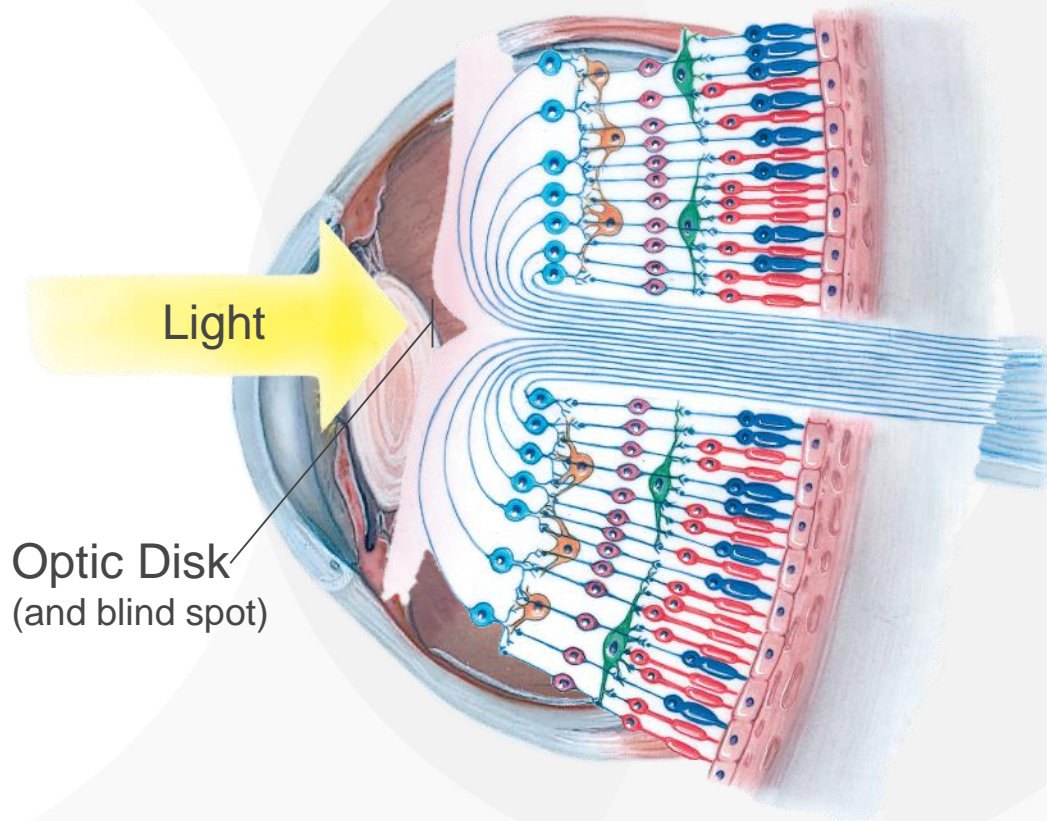
The Auditory
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The Retina

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Light

Optic Disk
(and blind spot)

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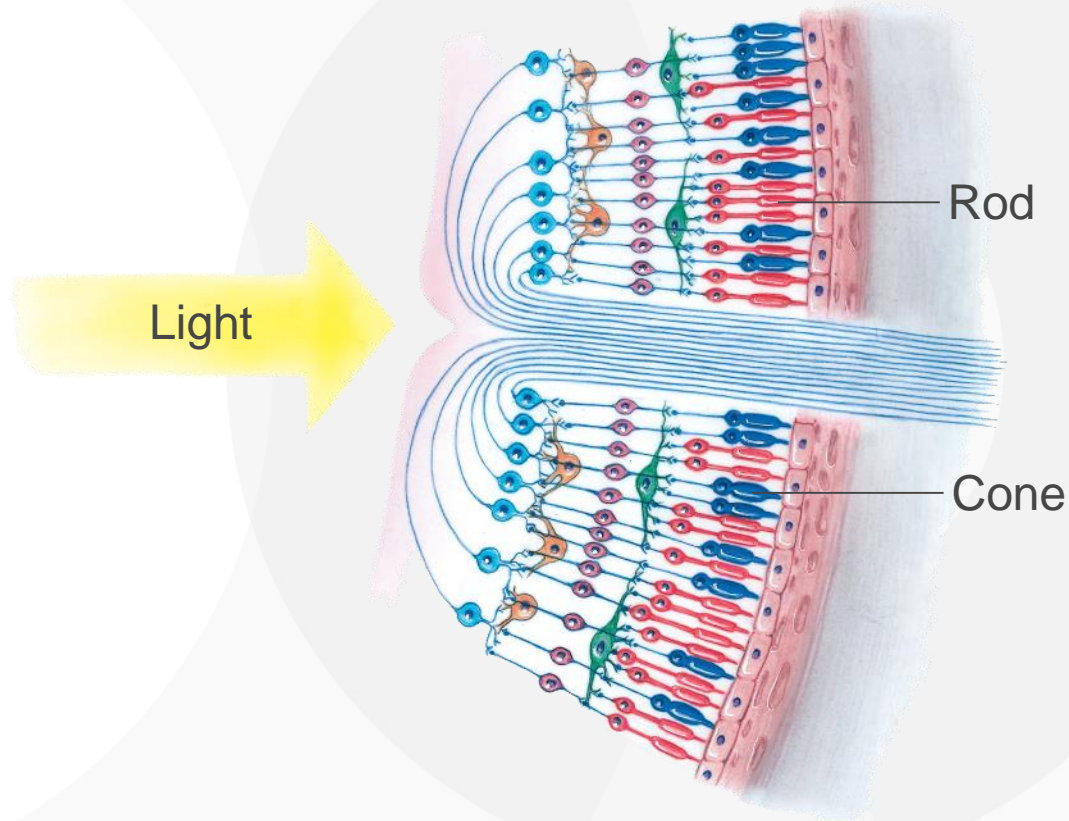
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04 The Retina

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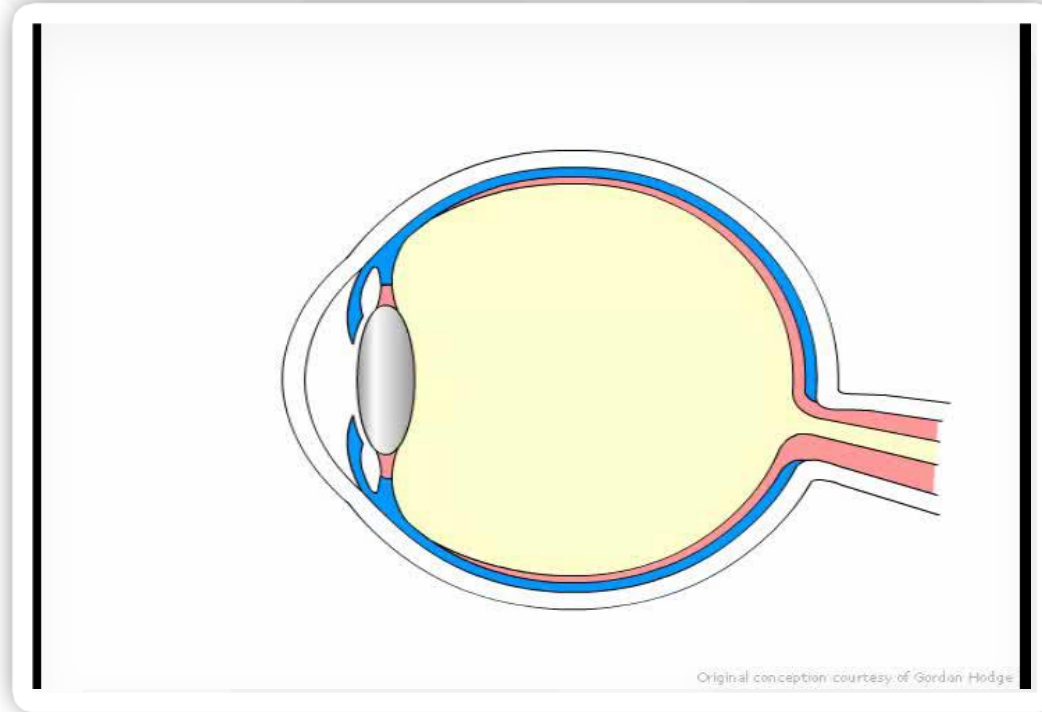
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Information Processing in the Retina



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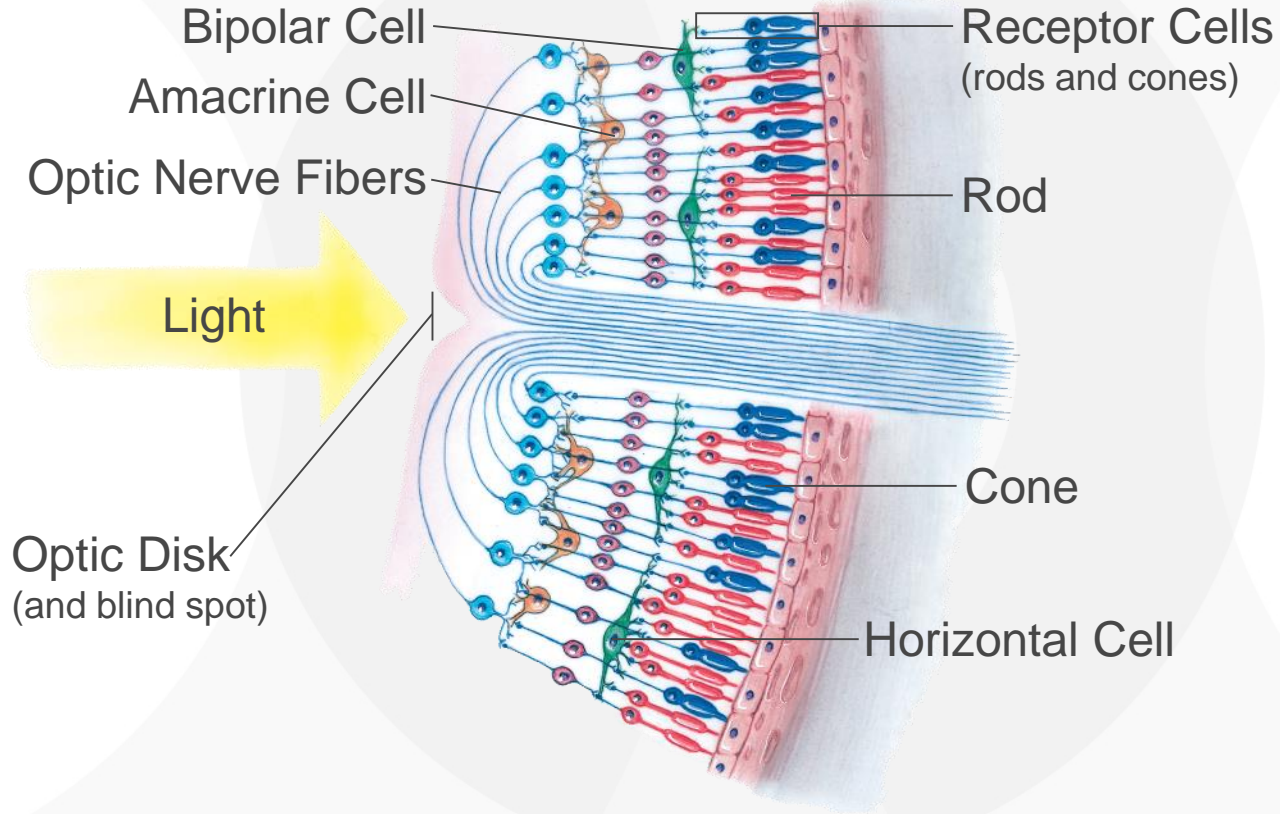
The Auditory
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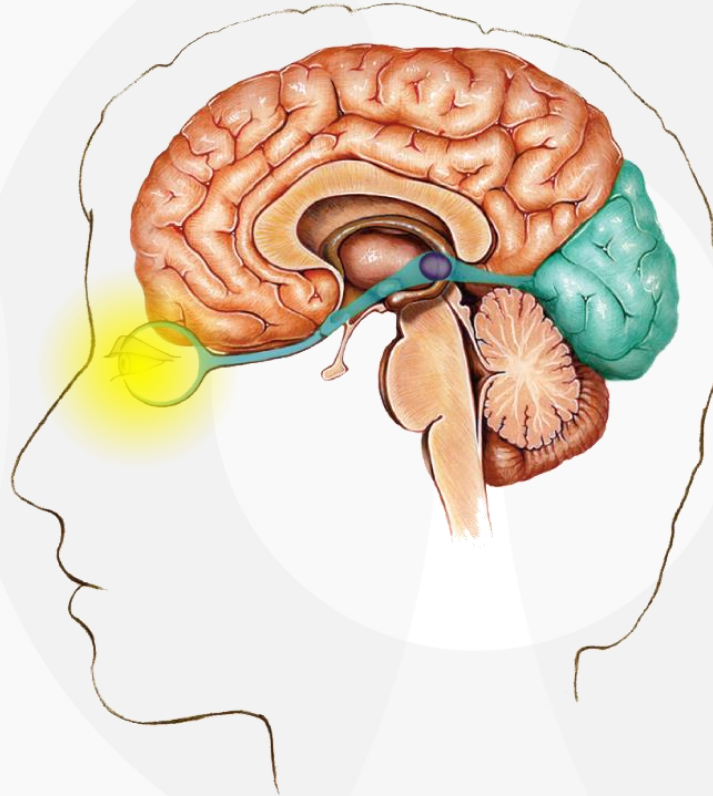
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Information Processing in the Retina



04 Visual Pathways

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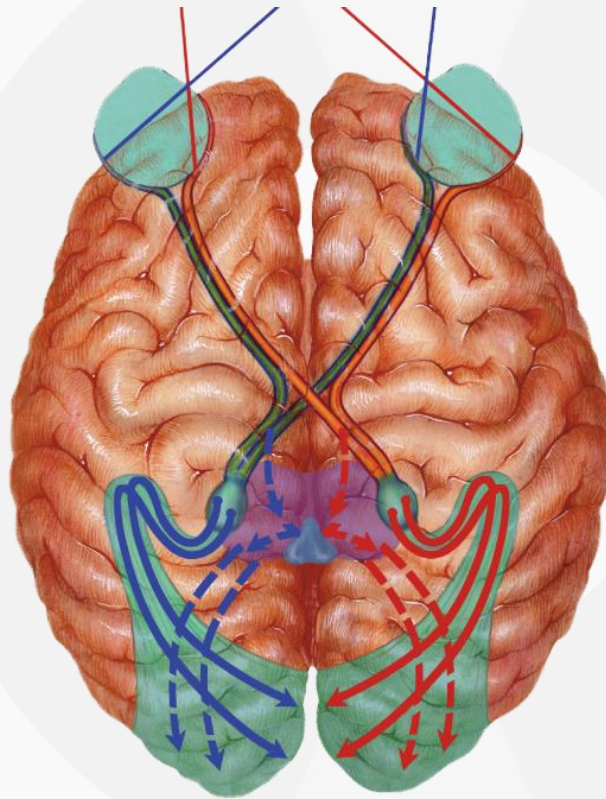
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04 Visual Pathways

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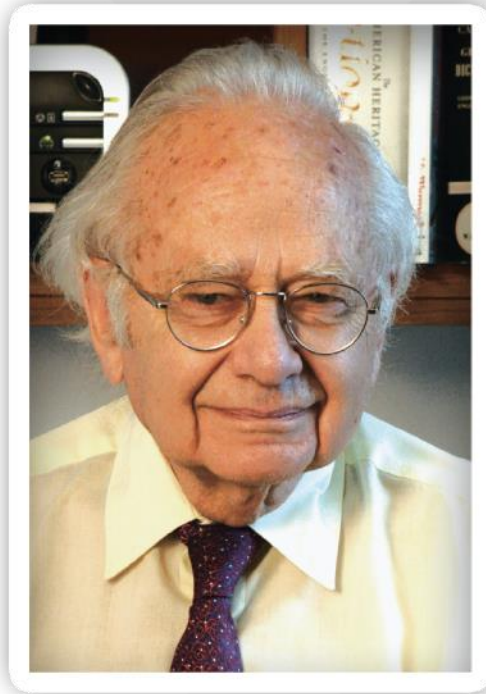
The Auditory
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04

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Information Processing in the Visual Cortex



David Hubel

Torsten Weisel

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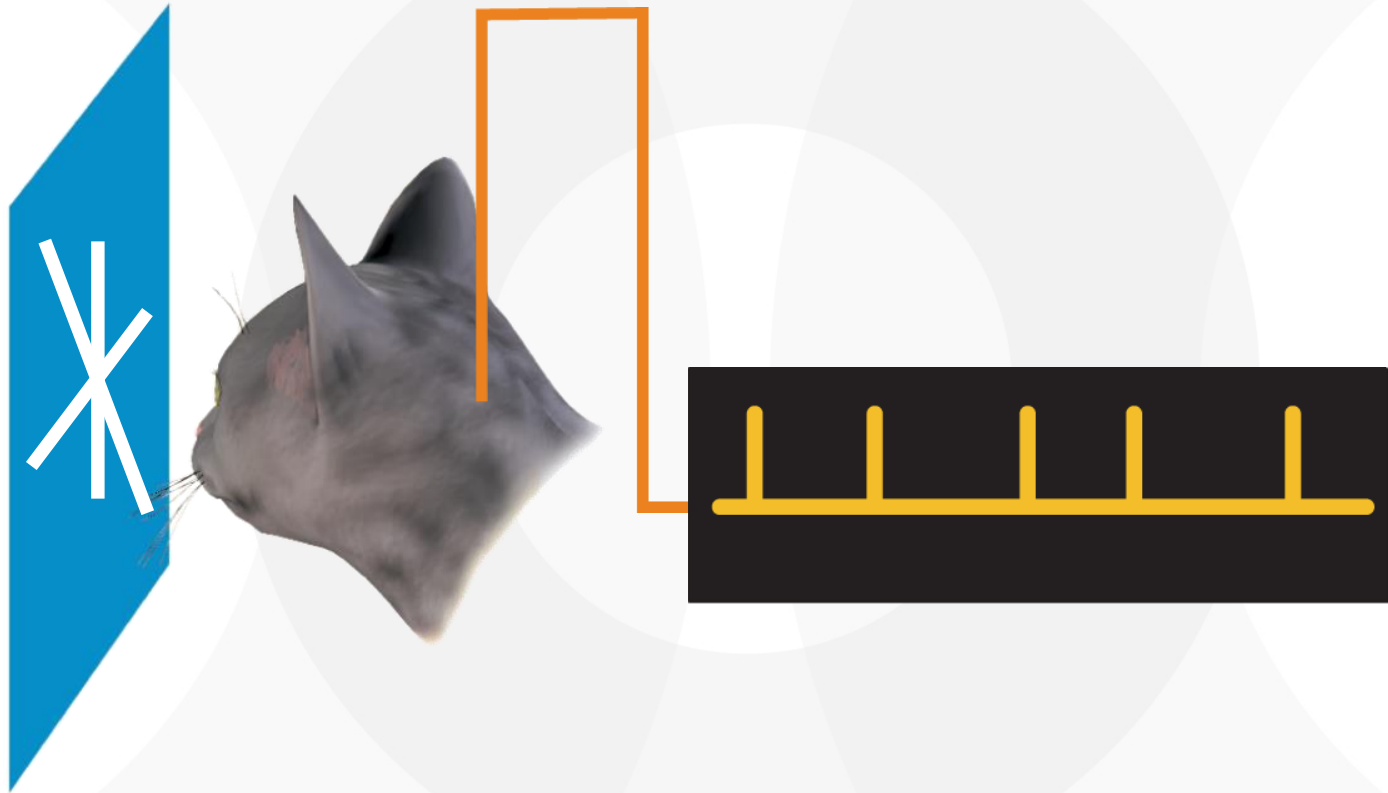
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Information Processing in the Visual Cortex



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Development in the Visual Cortex

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Courtesy of Colin Blakemore

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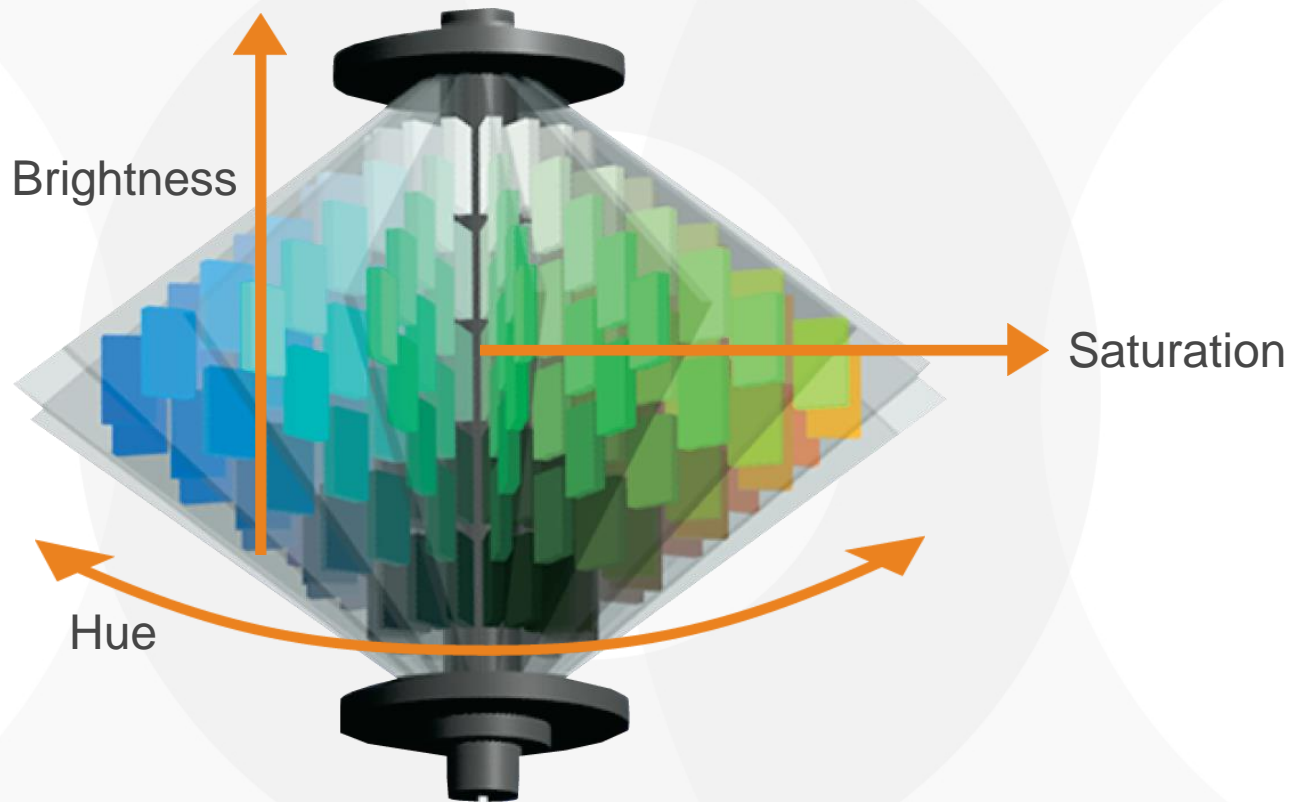
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04 Perception of Color

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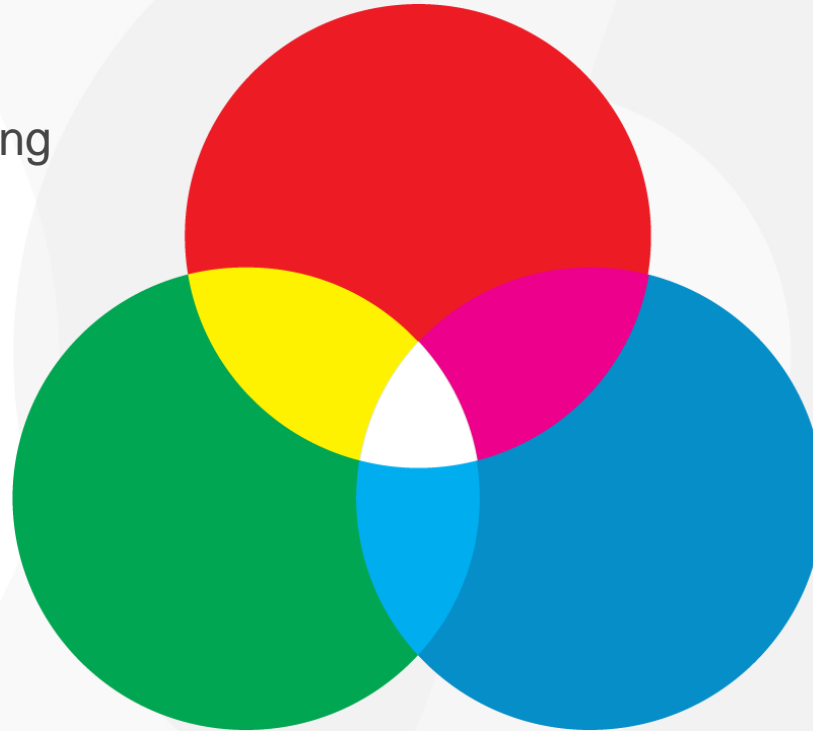
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04 Color Mixing

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Additive
Color Mixing



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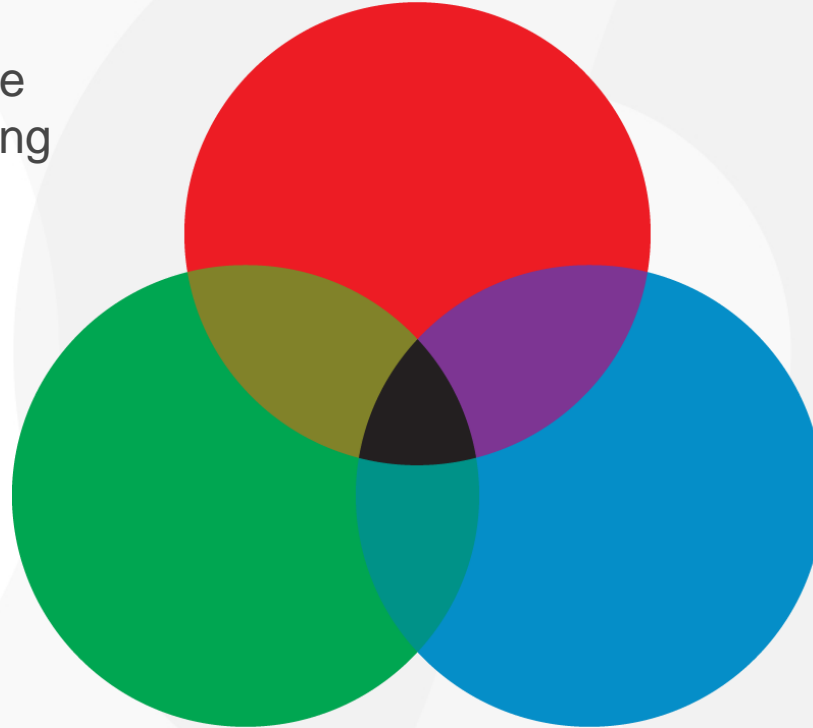
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Color Mixing

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Subtractive
Color Mixing



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Theories of Color Vision

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Theories of Color Vision

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Opponent Process Theory

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