

# POLARIZED LENSES CAN COLOR YOUR GAME

## Polarized Performance and Colors by Activity

ACTIVITY	RECOMMENDED COLOR(S)	TREATMENT(S)	COMMENTS
<b>BASEBALL</b>	Gray or Green	Mirror and AR	<ul style="list-style-type: none"> <li>Green or Gray is the better choice to highlight the ball against the sky or grass.</li> <li>Some bright greens are less effective during daylight hours and may be too bright for artificial stadium light.</li> <li>Low hue mirrors enhance contrast without changing the spectral absorption significantly.</li> <li>AR on the back surface blocks back surface reflections at critical times.</li> </ul>
<b>BASKETBALL</b>	Yellow or Orange	Yellow or Orange	<ul style="list-style-type: none"> <li>Indoor - Yellow or Orange tints heighten ball visibility.</li> <li>Outdoor - Gray or Green.</li> </ul>
<b>CYCLING</b>	Bright Light Browns, Some Greens, Gray Low Light Yellow, Orange, Red	Mirror and AR	<ul style="list-style-type: none"> <li>High contrast Brown lenses work exceedingly well for cycling.</li> <li>Greens also enhance contrast, ensure the right green color for the right density needed.</li> <li>A variety of mirror treatments can be applied with backside AR.</li> <li>Low light - Yellow, Red or Orange.</li> </ul>
<b>DRIVING</b>	Gray, Green - Excellent contrast & protection Brown C-Good Contrast Gray - True color	AR	<ul style="list-style-type: none"> <li>Reduces road glare/eye strain and fatigue.</li> <li>Gray is a traditional choice, but Brown may be a bit better. The improved contrast shows road contours and the warmer color allows the driver comfort earlier in the day and later in the evening.</li> <li>Yellow - Great contrast for overcast conditions.</li> </ul>
<b>FISHING</b>	Brown, Amber and Gray Melanin - Bright Light Brown C - All Purpose	Silver or Blue Mirror, Backside AR	<ul style="list-style-type: none"> <li>Depending on the type of fishing both Gray and Brown work well, as well as Contrast Brown.</li> <li>For flats, lake and stream, Brown or Melanin is recommended, for open water or deep sea, Gray is recommended.</li> </ul>
<b>GOLF</b>	Brown, Amber and Gray Melanin - Bright Light Brown C - All Purpose		<ul style="list-style-type: none"> <li>This requires object illumination; the ball needs to be highlighted against the sky and the grass.</li> <li>This is a difficult category as the colors of the background and the specifics of driving vs. putting have such varied and opposite color to function requirements.</li> <li>Brown is the de facto color and density can be tuned to personal preference.</li> <li>Brown lenses are the best choice for reading greens and following flight against a blue sky. Violet and Copper may be used in specific situations like the rough.</li> </ul>
<b>HANDBALL</b>	Yellow or Orange	AR	<ul style="list-style-type: none"> <li>Indoor - Yellow or Orange tint will heighten ball visibility.</li> <li>Outdoors - Green or Gray is a better choice.</li> </ul>
<b>HUNTING</b>	Yellow, Orange, Red and Contrast Browns	Low hue mirrors Backside AR	<ul style="list-style-type: none"> <li>Most hunters require multiple lens choices.</li> <li>Yellow, Amber, Orange and Red or light lenses work great in low light conditions.</li> <li>Contrast browns or darker lenses work better in bright conditions.</li> <li>Suggest frames with interchangeable lenses or multiple pairs.</li> <li>Orange - Most common for clay targets. Best for overcast days. Enhance orange targets. Works well against open backgrounds.</li> <li>Violet - Overcast / Orange targets against green or cluttered backgrounds.</li> <li>Red - Medium to bright light. Green or black targets against green cluttered or sky.</li> <li>Yellow - Only for overcast, haze or night.</li> <li>Blue - Average light / green target / desert backgrounds.</li> <li>Green - Green targets / bright light / any background.</li> <li>Brown - All purpose / bright conditions / any target.</li> <li>Gray - General purpose. Color will not enhance target.</li> </ul>
<b>MOTORCYCLING</b>	Yellow, Orange, Red and Contrast Browns	Mirror and AR	<ul style="list-style-type: none"> <li>Contrast Brown lenses work exceedingly well for motorcycling since contrast enhancement is key at high speed.</li> <li>A variety of mirror treatments can be applied to reduce transmission and for fashion looks.</li> <li>Backside AR reduces back surface reflections improving safety.</li> </ul>
<b>PADDLEBALL</b>	Most Gray or Green lenses	Mirror or AR	<ul style="list-style-type: none"> <li>Primarily outdoors - Gray or Green is best.</li> <li>VLT should be above percent.</li> </ul>
<b>RACQUETBALL</b>	Yellow and Orange	AR	<ul style="list-style-type: none"> <li>Primarily indoors - Yellow or Orange heightens ball visibility.</li> </ul>
<b>SKIING SNOWMOBILING</b>	Yellow, Orange and Brown, Melanin Red or Yellow – Overcast conditions	Mirror or AR	<ul style="list-style-type: none"> <li>Skiers need heightened contrast to better see slopes and moguls on the hill.</li> <li>Extremely dark colors are not recommended as they can impair the ability to quickly pick out icy spots.</li> <li>Brown, Amber or Brown-yellow lenses are excellent choices.</li> <li>Yellow or Orange and Contrast Brown (high VLT) for low light conditions.</li> <li>In icy, wet conditions polarized lenses will highlight the ice as darker than the snow and can be extremely helpful.</li> </ul>
<b>SQUASH</b>	Yellow and Orange	AR	<ul style="list-style-type: none"> <li>Primarily indoors - Yellow or Orange heightens ball visibility.</li> </ul>
<b>SWIMMING</b>	Yellow and Orange	Flash Silver Mirror and AR	<ul style="list-style-type: none"> <li>AR and flash mirrors are particularly good to diminish the reflection off water.</li> </ul>
<b>TENNIS</b>	Yellow and Orange, Melanin in bright conditions		<ul style="list-style-type: none"> <li>These colors are meant to highlight a ball against a background, like the sky or the court.</li> <li>For general purposes, a Yellow lens will pick up the yellow ball better.</li> <li>In some instances, especially outdoors, yellow will be too bright and allow in too much light. Orange and Brown will be better.</li> <li>Blue pick up yellow ball, dampen backgrounds.</li> <li>Yellow - Overcast and evenings.</li> </ul>
<b>WATER SPORTS</b>	Brown or Gray	Silver or Blue Mirror, backside AR	<ul style="list-style-type: none"> <li>All lenses that reduce blue light and the scattered light effect of water work well.</li> <li>Choose Gray family colors for general water activities.</li> </ul>