

Red vs Green Hunting Light

Quick Reference Cheat Sheet

 Updated March 2026 | For deer, hog & coyote hunting | Print and keep in your hunting pack

10-Second Quick Decision

If You're Hunting...	Best Light Color	Why
 Whitetail Deer	RED	Least likely to spook; preserves night vision
 Wild Hog	GREEN	Best visibility in vegetation; hogs tolerate green well
 Coyote / Fox	RED (approach) / GREEN (scan)	Red for stealth, green for long-range scanning
 Blood Tracking	UV	Reveals invisible blood trails
 Night Vision Gear	IR	Completely invisible to game
 Final ID / Confirmation	WHITE (brief)	Natural color rendering, safety first

Red vs Green: Detailed Comparison

RED LIGHT

Best for:

Stealth approach, deer hunting, coyote hunting

Wavelength:

620–750nm

Animal vision:

Very low sensitivity (deer/hogs)

Range:

Short–Mid

Night vision:

Preserves natural night vision

Best terrain:

Dense woods, brush, tree stands

GREEN LIGHT

Best for:

Long-range scanning, hog hunting, open fields

Wavelength:

520–560nm

Animal vision:

Low–Moderate sensitivity

Range:

Long (hundreds of yards)

Night vision:

Moderate preservation

Best terrain:

Open fields, meadows, crops

Pro-Level Light Discipline Strategy

1. RED
Navigate to stand

2. GREEN
Scan field at distance

3. WHITE
Confirm target (brief)

4. UV
Track blood trail

5. IR
Night vision ops

Technical Specs Quick Reference

Color	Lumens (Ideal)	Throw Distance	Best Time to Use
 RED	100-300 lm	50-150 yards	Walking in, close stalking
 GREEN	300-800 lm	200-500+ yards	Field scanning, hog hunting
 WHITE	Brief burst only	As needed	Final ID only

Color	Lumens (Ideal)	Throw Distance	Best Time to Use
🔊 UV	N/A	10-30 yards	Post-shot recovery
🌙 IR	N/A	Hundreds of yards	With night vision gear

🐾 How Game Animals See Different Light Colors

Animal	Red Light	Green Light	White Light
Whitetail Deer	✅ Very low sensitivity	⚠️ Visible, use with caution	❌ Easily spooked
Wild Hog	✅ Excellent tolerance	✅ Best visibility	⚠️ Moderate reaction
Coyote	⚠️ Low sensitivity	⚠️ Visible at distance	❌ Highly alert

❌ 5 Common Mistakes to Avoid

1. Using white light for scanning	→ Spooks game before you see them
2. Not adjusting color for terrain	→ Fixed color fails in changing environment
3. Shining light directly at eyes	→ Causes glare, reduces visibility
4. Continuous white light use	→ Destroys night vision, alerts game
5. Wrong light angle for tracking	→ Vertical illumination hides blood

⚠️ **Safety First:** When hunting mountain lion or bear, always use WHITE light briefly for positive target identification before taking any shot. Never rely on colored light alone for final confirmation with dangerous game.

🔊 Recommended Brinyte Models by Need

Model	Light Modes	Best For
SPECTRA T5X	White/Red/Green + UV, strobe	Blood tracking, multi-terrain
T28 Artemis	White/Red/Green, silent dimmer	Stealth hunting, woodland
T40	White/Red/Green/IR/UV options	Long-range, weapon mounting
ZT40	White/Red/Green/IR/UV options	Multi-terrain, zoomable
T28-IR	White + IR850/IR940	Night vision compatibility