

Standard Boat Wiring Color Codes

These are the most common color codes used in boat wiring.

Black	Grounds, General
Black/Brown	Pump Grounds
Black/Red	Voltmeter Grounds
Black/Orange	Isolated Accessory Grounds
Black/Yellow	Ignition stop
Black/Green	Water Level Sender Ground
Black/Blue	Lighting Grounds
Black/Gray	Nav Light Grounds
Black/White	Battery Parallel Solenoid
Brown	Pumps, General, Bilge or Sump (Manually Switched)(Also alternator starter to Ign.)
Brown/Red	Pumps, Bilge or Sump
Brown/Orange	Power feed to Auto Bilge Switches, Pumps, Fuel/Oil Transfer or Priming
Brown/Yellow	Baitwell or Aerator
Brown/Green	Fresh Water Pump/Water Maker
Brown/Blue	Head Pump
Brown/Violet	Washdown Pump
Brown/White	Trim pos sender
Red	Battery Feeds Unprotected
Red/Violet	Misc. Accy. Main Feed Protected (fused) from batt to trim panel.
Pink	Fuel Sender
Orange/Black	Audio System Feed
Orange/Brown	Electric Head, Sanitation System
Orange/Red	Wiper Port
Orange	Accessories common feed, Dist Panel to Acc switch, Anode Electrode, Mercathode
Orange/Yellow	Diesel Preheat
Orange/Green	Wiper Stbd
Orange/Blue	Communications Equipment
Orange/Violet	Navigation Equipment
Orange/White	Wiper Center
Yellow/Black	Choke Neutral safety trans mounted
Yellow/Red	Start Solenoid (starting circuit), Neutral Safety
Yellow/Orange	Powered Ventilation, Fans
Yellow	Bilge Blowers (also alternator DC output)
Yellow/White	Rudder Angle Sender
Green/Red	Stop Solenoid/Kill Switch
Green/Yellow	AC Grounding
Green	Bonding
Green/White	Engine Trim in and or tilt down
Green/Orange	Engine Independent Trim down
Blue/Black	Cabin Lights
Blue/Brown	Oil Temp Send

Blue/Red	Cabin or Cockpit Lights Port
Blue/Orange	Engine Independent Tilt Up
Blue/Yellow	Lighting Circuits to Remote Send
Blue/Green	Cabin or Cockpit Lights Stbd
Blue	Instrument & General Lighting
Blue/Violet	Courtesy, Boarding Lighting
Blue/White	Engine Trim Outand/or Tilt Up
Light Blue	Oil Pressure
Violet/Red	Eng. or Generator B+ from Breaker
Violet/Yellow	I/O Trim Up (ballast bypass)
Violet/Green	I/O Trim Down
Violet	12v Ignition Generator or Engine
Violet/White	Trim "Trailer" switch
Gray/Black	Mast Light
Gray/Red	Spotlight Remote
Gray/Orange	Docking Lights
Gray/Green	Strobe or Beacon
Gray/Blue	Spreader/Flood Lights
Gray/Violet	Windlass/Winch
Gray	Navigation (running) Lights, Tach. Send
Gray/White	Anchor Light
White/Brown	Temp. Alarm or Indicator
White/Red	Fuel Alarm or Indicator ((Ignition module to Dist.)Mercury Thunderbolt Ignition)
White/Orange	Fire Alarm or Indicator
White/Yellow	Air Flow Alarm or Indicator
White/Green	Water Press/Flow Alarm or Indicator ((Ignition module to Dist.)Mercury Thunderbolt Ignition)
White/Blue	Oil Press Alarm or Indicator
White/Violet	Voltage Alarm or Indicator
White	General Alarm Usage, Yamaha Kill Switch
Tan	Water Temp sender
Tan/Blue	Warning system sense wire (Audio warning)