

What color is the turn signal light? It's easy to think but 90% of people answer wrong

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Use motorbikes and cars daily but do you know what the turn signal light of the vehicle (navigation light) is in color? If the answer is orange or yellow, you are wrong. In fact, the colors of popular used lamps are in amber colors. And the reason people choose this lamp color has a reason.

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The navigation light is patented for the first time in 1938, and is almost immediately applied by most car manufacturers around the world. By 2013, vehicles on the road in most countries were required to have turn signals.



Turn signal lights must also comply with technical standards such as minimum and maximum intensity, viewing angle as well as lighting surface area must be visible from all angles, can be observed in environment with strong light without making the observer blinding.

Since the 1960s, most front turn indicators have been designed to emit white light, while the rear lights have red light. Since the beginning of 1963, the US auto industry decided to use amber color to design the front lights because the recognized amber light could be quickly discovered more than red. According to American research, the driver of the rear vehicle is more accurate and responsive to the amber turn signal in the vehicle ahead.



Currently, most of the countries in the world (except Switzerland and New Zealand) stipulate the front and rear turn signal lights must produce amber light.

According to Vietnamese regulations, motorcycle turn signals, motorbikes must have amber or red light.

In 2008, the US National Highway Traffic Safety Administration (NHTSA) published research results showing that vehicles equipped with amber color turn signals reduce the number of collisions by up to 28%. In 2009, NHTSA identified an amber turn signal light that provided a significant overall benefit when compared to a red turn signal.

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