

What is the difference between bluish-green and greenish-blue?

Introduction

Our naturally vibrant and lively world is composed of so many energetic colors that prove to be a source of positivity for mankind as well as for other living organisms. These colors are broadly classified into some well-known terminologies to further categorize them like the color wheel which has three categories primary, secondary, and tertiary; then rainbow colors which denote (VIBGYOR) to show colors respectively. Similarly, color combinations have been discovered lately which have come up with two unique and scarce colors, which are not only pleasant to the eyes but also pretty attractive as well which can be used for decoration purposes. To narrow it down, Bluish-green and Greenish-blue are these distinctive colors that are being discussed extensively in this article. These colors are well-liked and in demand in the sapphire and gemstone-making industries. Because of their prestigiousness and uniqueness, they are being seen in sapphire shapes, apart from this; these colors originated from different color families and represent different places as well like these colors would be able to be seen in oceans as most of the oceans have this shade because of the aquatic life and plants.



Bluish-green sapphires

Do you think the Greenish-blue color is closer to green?

No, it is confusing but the percentages of green are near 15% or a little more with an adequate portion of blue shades, and with their collaboration, they make up the most magnificent and splendid color stones such as radiant sapphires. Further, this shade can also be classified on the basis of its color code in the color palette as it is a combination so its color code will go as #0D98BA

As we know already that most of the colors are made up of the combination of different other shades and many look-alikes with the already discovered ones; similarly, teal is a shade which is basically towards more light cyan (which is an aqua blue color) and little green, it has a hint of green with every shade of blue, if you want to know more about it then below is a video link for it

YouTube video link:

<https://www.youtube.com/watch?v=yIphUCjwh3c>

Have you ever heard of the Cyan family which is adjacent to blue?

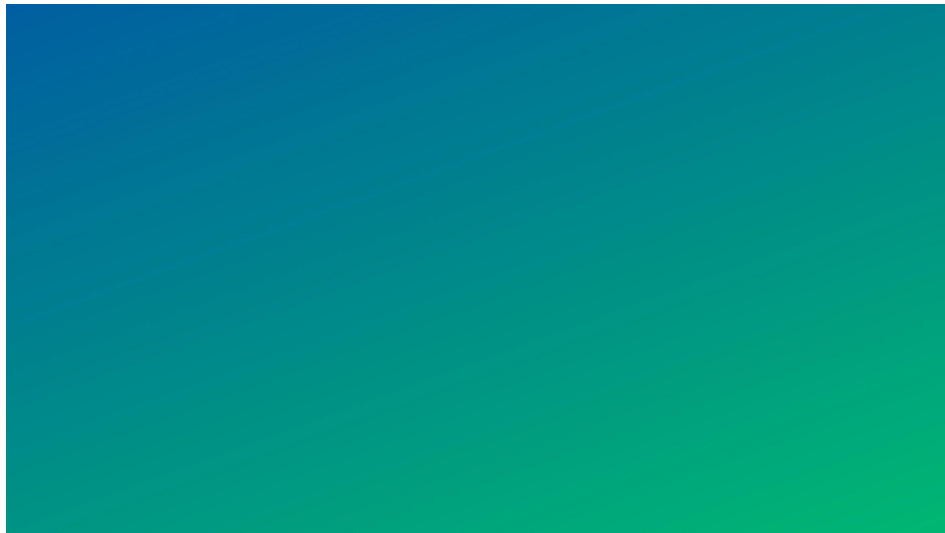
The beautiful and most enchanting combination of blue and green tinges gives us a fascinating color called bluish-green with some proportions of blue (nearly 15) in it along with a generous amount of green hues, altogether these are used to produce captivating gemstones, sapphires; this bluish-green shade comes in between blue and green; this area is mostly known as Cyan family of colors and for this particular shade it is more towards an aquatic and aquamarine type of color.

Turquoise color can also be referred to as a replica of Bluish green color as it is more towards the green with the lightest mixture of blue and yellow in it. Moreover, the pigments of blue in green color indicate not only its mixing quantities but it describes its purpose which is depicting positivity to a great extent. Furthermore, as this shade also falls in the category of the Cyan family of colors so its color code will be the same as bluish green to some extent as #0D98BA but it is clearly a halfway cyan family because of the major portion of green color in it.

Differentiating factors between Bluish-green and Greenish-blue

Bluish-green	Greenish-blue
Hues	
The amalgamation of these two beautiful colors represents some tinge of bluish shade with more of greenish color	Greenish-blue color would be having a limited hint of green as a secondary color shade and a great quantity of blue hues.
belongings	
It is being represented by the light cyan family of colors to	It basically belongs to the dark cyan family of colors which is

denote more aqua color in stones	also known as the colors between blue and green
Origin	
This color has originated from aqua symbolizing water which is mainly blue in color and it denotes the calm nature of water as tranquility and serenity which is basically positive.	This color has come from subtractive colors whose one of many primary shades is cyan. This shade has the most quality of green look wise, so it denotes growth, harmony and freshness like forest leaves and trees.
Wavelengths	
Every color has its own unique wavelength and in order to combine colors wavelengths plays a vital role; as here Green is in large ratio so it would be having its wavelength around 495-570 nm	While here blue is the primary color so blue has about 450-495 nm.
Energy	
Similarly Energy is again an important attribute to consider in amalgamation processes. The Green contains about 2.25 eV.	And the energy that blue color possess is about 2.75 eV



Bluish-green hues

Interesting facts about these exceptional colors

As we have already come to know that these shades are extensively being used in sapphires so far; so some foremost insights are being discussed to cover the relevant informational gap further some misinterpretations has also been discussed briefly about these shades as below:

- Apart from these two color combinations many other colors of sapphires have originated from Yogo Sapphire mines that are located in Montana respectively.
- Montana is a place to manufacture a considerable amount of Sapphires of noticeable colors.
- Montana was originally an outgrowth and repercussion of gold rushes in the 19th century.
- Tiffany & Co. in the United states was the first to proclaim the “blue pebbles” stones samples to be of the most superior and outstanding quality.
- The supremacy of sapphires of Montana is that they are almost natural in nature and mostly have not been through any artificial way; which means they possess clarity and excellency in a simple way.

- One fact that can not be obscure here is that apart from the details of these two shades it has been noticed extensively that people often misunderstand the concepts when they look at them.
- It is visible look wise that Bluish green color has more blue or greenish blue color has more green color in it; Nevertheless, it is just the matter of hues that have been mixed with these colors which provides such visions in first go.
- Bluish green represents green color while greenish blue represents blue color.

Real-Life Examples of Bluish-green and Greenish-blue color

Other than sapphires and gemstones there are some further examples of it as well where we can experience these shades, for example, Bluish green color can be seen in bacterias such as Algae that comes from water and photosynthesis moreover it can be seen in some rare fishes and glacial lakes and forests (as we know about the colors of our nature which include sunlight as well and when these sun rays come in contact with the leaves of the tree and not just all the scenic greenery but every natural color also, it transforms the color's originality; if it is purely green then it will be having some hues of other colors as well because of these rays, and that is where these appealing combinations can be found and discovered). Chrysocolla is an authentic rock that can be witnessed for this particular color.

Greenish blue color can be seen in aquatic life more, as it involves more blue shades in it; it can be found in Glauconite rock which is being obtained from marine sandstones and greenstones that are mainly greenish blue in color. Nature is full of such enchanting colored sceneries (like the bioluminescence phenomenon that can be seen at night in the sea because of the presence of algae in it) and animals as well, for example, peacocks, leaf birds, etc.

References

- <https://www.thenaturalsapphirecompany.com/education/unique-rare-sapphire-colors/bluish-green-greenish-blue-sapphires/#:~:text=In%20order%20to%20be%20classified,percent%20of%20its%20overall%20color.>
- [https://en.wikipedia.org/wiki/Turquoise_\(color\)](https://en.wikipedia.org/wiki/Turquoise_(color))
- <https://www.quora.com/What-is-the-difference-in-the-colour-of-bluish-green-and-greenish-blue>
- <https://www.thoughtco.com/green-minerals-examples-1440940#:~:text=Glauconite%20is%20most%20commonly%20found,of%20blue%2Dgreen%20within%20rocks.>
- <https://www.canva.com/colors/color-meanings/blue-green/>
- <https://www.dunnedwards.com/pros/blog/the-history-and-science-behind-the-color-blue/>
- https://artsandculture.google.com/story/the-secret-history-of-the-color-blue/bgIyIXzv_RULIA

Conclusion

- To sum it up, both shades are solitary and eccentric in their own way, although they look pretty similar to one another but they are different and unique.
- The gist of our research and above mentioned distinguishing factors indicates that although both are being used in the sapphire and gemstone making industry, they both generate the most attractive and appealing shades for this purpose.
- Overall, both the shades are consist of some portion of secondary color and most of primary color from the color wheel
- After having certain enlightening and knowledgeable insights about both rare and enchanting color combinations, it can be concluded that as for Bluish-green color the base is of secondary color (green) with bluish tinges in great ratio whereas, in

Greenish-blue the base color is (blue) as a secondary color with generous percentage of green color in it; as far as the difference is concerned then we can say that the difference is fine-drawn and distinct.