

**DIARY Report** #DD1751903082549

Jul 7th 2025

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## GIA SUMMARY

### Carat Weight

1.66 carat

### Clarity Grade

SII

### Fluorescence

Medium Blue

### Color Grade

Fancy Light Green...

### Measurements

7.18 x 7.15 x 3.98 mm

### GIA No.

5131861823

### Shape & Cutting

Cushion

### Origin

Not Specified



## THE CAUSE OF COLOR IN YOUR GREENISH BLUE DIAMOND

The exceptional blend of **Blue and Green** hues in your 1.66 carat, Fancy Light Greenish Blue diamond is the outcome of natural radiation exposure over an extended period of time, under very high temperatures. Underground radiation surrounding the diamond, coupled with extreme heat conditions lasting millions of years, altered the diamond's atomic structure to the point where it absorbs light from the red to yellow spectrum, resulting in its Green and Blue color. When diamonds that have undergone such changes, the outcome is a rare combination of green and blue colors.



## A WORD ABOUT THE SATURATION OF YOUR DIAMOND

The grade "**Fancy Light**" represents **44%** of all Greenish Blue fancy Color diamonds. Although referred to as "Fancy Light", these diamonds may exhibit a prominent hue, transcending color effectively

There are Four available saturation levels in Blue color diamonds, Fancy Light being the First most saturated.



Fancy Light greenish-blue

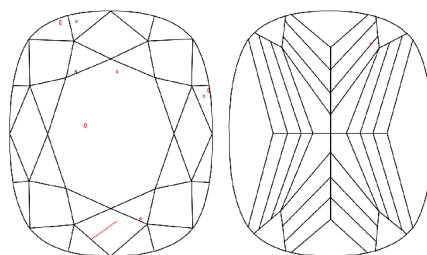
Fancy greenish-blue

Fancy Intense greenish-blue

Fancy Vivid greenish-blue

## THE FUNDAMENTALS OF THIS DIAMOND'S SHAPE

The **Cushion** shape dates back to the early days when diamonds were initially made to decorate crowns of royalty. Today, the Cushion shape is still the most popular jewelry shape, and it is also yields the highest possible weight from rough diamonds. The pavilion on the bottom of your stone has a Starburst facet alignment to reinforce color reflection and brilliance. **33%** from all Greenish Blue fancy color diamonds are polished as Cushion / Radiant.



## TRUE FACE-UP

The carat weight and physical size of a diamond are important factors in determining its value. However, when it comes to fancy colored diamonds, there is a tendency to prioritize other visual elements over their size, and as a result, the surface area of the face-up view is not always given high priority.

Diamonds that appear slightly smaller are considered to be within the norm. However, diamonds that appear larger in relation to their weight will receive a premium.

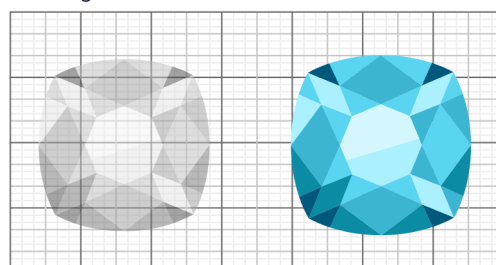
\* The data in this section pertains to the relationship between your diamond's face-up dimensions and the average face-up dimensions for relevant weight categories.

The Face-up of this 1.66 carat Cushion is equivalent to that of a **2.23 - 2.28** carat which is **~35.9% larger** than the average Cushion shape in this weight.

**Large face-up commands a Premium**

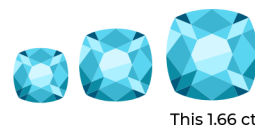
Average face-up for  
this weight

Your diamond  
7.18mm x 7.15mm



## LEARN HOW UNIQUE IS THE WEIGHT OF A 1.66 CARAT IN GREENISH BLUE DIAMONDS

**80.4%** Of all Fancy Light Greenish Blue diamonds are smaller than yours



This 1.66 ct

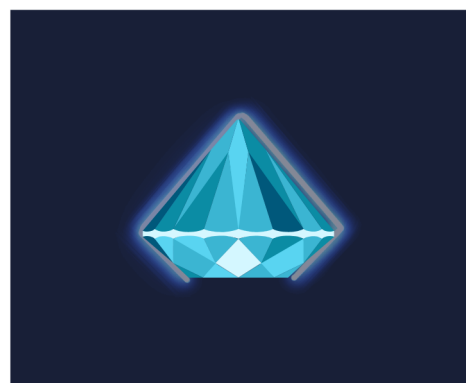
## THE SI1 CLARITY IN THIS FANCY LIGHT GREENISH BLUE DIAMOND

Greenish Blue Fancy Color Diamonds are extremely rare in nature and achieve their value from their captivating color. Unlike in colorless diamonds, the impact of a **SI1** clarity in Greenish Blue fancy color diamonds is negligible as long as it is not visible to the naked eye. A Fancy Light Greenish Blue with a SI1 clarity grade represents 8% of all Fancy Light Greenish Blue diamonds in the 1.5 - 1.99 carat weight category.

|                                                  |                                              |                                        |                                 |                                 |                                |
|--------------------------------------------------|----------------------------------------------|----------------------------------------|---------------------------------|---------------------------------|--------------------------------|
| <b>F/IF</b><br>Flawless /<br>Internally flawless | <b>VVS</b><br>Very Very Slightly<br>Included | <b>VS</b><br>Very Slightly<br>Included | <b>SI1</b><br>Slightly Included | <b>SI2</b><br>Slightly Included | <b>I</b><br>Inclusion or Pique |
|--------------------------------------------------|----------------------------------------------|----------------------------------------|---------------------------------|---------------------------------|--------------------------------|

## THE MEDIUM BLUE FLUORESCENT IN THIS DIAMOND

Fluorescence refers to the emission of visible light when a diamond is exposed to UV light. The fluorescence in this diamond is caused by the presence of trace elements within the lattice of the diamond. When a diamond is exposed to UV light, these elements absorb the energy from the UV light. They become excited, and as a result, release energy in the form of a Blue glow. The **Medium Blue** fluorescence has very little to almost no impact on the quality of this 1.66 carat diamond. In order to view the fluorescent glow, one must use a special UV device.



## HOW RARE IS THIS 1.66 CARAT?

- Only **1 in ~ 3,000,000** diamonds will have similar characteristics
- A similar diamond enters the market once every **2 To 3 years**

RARITY GRADE  
**EXTREMELY RARE**



The data on the Fancy Color Diamond Diary© may change from time to time and is not a guarantee or a reflection of the diamond's value. The origin of the diamond is provided solely according to the input of the person for whom the report was produced. The gemological description of the diamond is obtained from the GIA website. To maintain the accuracy and currency of the information, it is advised to periodically update the diary, especially prior to each use. For additional information about the data and other limitations, please contact us at [customers@fcresearch.org](mailto:customers@fcresearch.org).

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