

DIARY Report #DD1751911661497

Jul 7th 2025

Dynamic
Version



GIA SUMMARY

Carat Weight

0.50 carat

Clarity Grade

I2

Fluorescence

Faint

Color Grade

Fancy Deep Green

Measurements

4.70 x 4.27 x 2.81 mm

GIA No.

2205729434

Shape & Cutting

Cushion

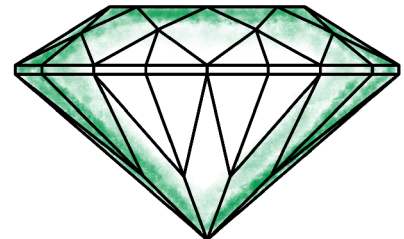
Origin

Not Specified



THE CAUSE OF COLOR IN YOUR GREEN DIAMOND

The **Green** color in this 0.50 carat diamond is typically caused by the absorption of red light waves, after a subterranean radiation exposure altered the atomic structure of the diamond, leading to its molecules absorbing red light and contributing to the green hue.



A WORD ABOUT THE SATURATION OF YOUR DIAMOND

The **"Deep"** grade exhibits an extremely saturated color with a darker tone. This grade represents only **0.3%** of all Green diamonds. Fancy "Deep" Green diamonds give a profound color sensation.

There are Seven available saturation levels in Green color diamonds, Fancy Deep being the Seventh most saturated. Fancy Deep is as saturated as Vivid; however, it presents a darker tone.



Very Light green



Light green



Fancy Light green



Fancy green



Fancy Intense green



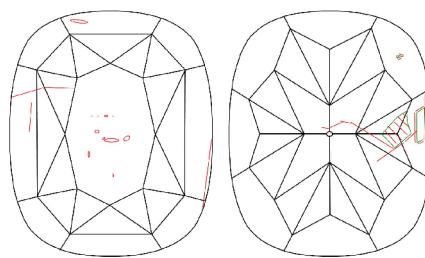
Fancy Vivid green



Fancy Deep green

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. **30%** from all Green 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.

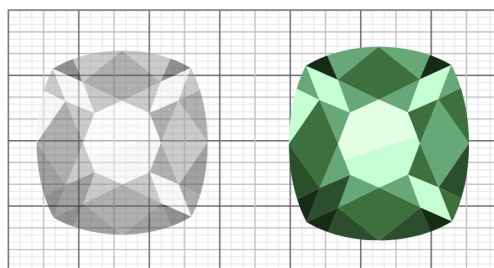
* The data in this section pertains to the relationship between your diamond's face-up dimensions and the average face-up dimensions for relevant weight categories.

The Face-up of this 0.5 carat Cushion is equivalent to that of a **0.55 - 0.56** carat which is **~11.1% larger** than the average Cushion shape in this weight.

Large face-up commands a Premium

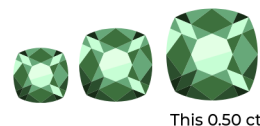
Average face-up for
this weight

Your diamond 4.7mm
x 4.27mm



LEARN HOW UNIQUE IS THE WEIGHT OF A 0.50 CARAT IN GREEN DIAMONDS

21.9% Of all Fancy Deep Green diamonds
are smaller than yours



THE I2 CLARITY IN THIS FANCY DEEP GREEN DIAMOND

The **Included** clarity in your Fancy Deep Green with an Cushion shape cut represents 5% of all Fancy Deep Green diamonds in the 0.50 - 0.69 carat weight category.

F/IF Flawless / Internally flawless	VVS Very Very Slightly Included	VS Very Slightly Included	SI1 Slightly Included	SI2 Slightly Included	I Inclusion or Pique
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THE FAINT 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 **Faint Blue** fluorescence in this 0.5 carat has no impact on its quality. It is impossible to spot a glow of this **Faint Blue** Fluorescence in the diamond without a special UV light device.



HOW RARE IS THIS 0.50 CARAT?

- Only **1 in ~ 46,000,000** diamonds will have similar characteristics
- A similar diamond enters the market once every **21 To 25 years**



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.

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