

DIARY Report #DD1751911216471

Jul 7th 2025

Dynamic
Version



GIA SUMMARY

Carat Weight

0.50 carat

Clarity Grade

SII

Fluorescence

Very Strong Yellow

Color Grade

Fancy Green Yello...

Measurements

4.11 x 4.02 x 3.13 mm

GIA No.

2231137877

Shape & Cutting

Cushion

Origin

Not Specified



THE CAUSE OF COLOR IN YOUR GREEN YELLOW DIAMOND

Yellow color in diamonds is attributed to the presence of nitrogen atoms that absorb blue light in the visible spectrum. Green diamonds derive their color from the absorption of red light waves. In your diamond, subterranean radiation exposure altered its atomic structure leading to the absorption of red light by its molecules and the emergence of its distinctive color.



A WORD ABOUT THE SATURATION OF YOUR DIAMOND

The grade '**Fancy**' represents a level with a significant presence of color and accounts for **36%** of all Green Yellow fancy Color diamonds.

There are Six available saturation levels in Yellow color diamonds, Fancy being the Fourth most saturated.



Light greenish-yellow

Fancy Light greenish-yellow

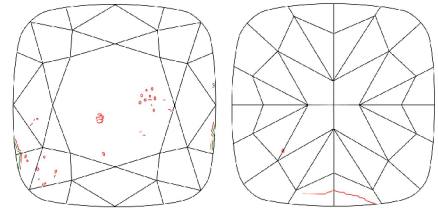
Fancy greenish-yellow

Fancy Intense greenish-yellow

Fancy Vivid greenish-yellow

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. **39%** from all Green Yellow fancy color diamonds are polished as Cushion / Radiant.



TRUE FACE-UP

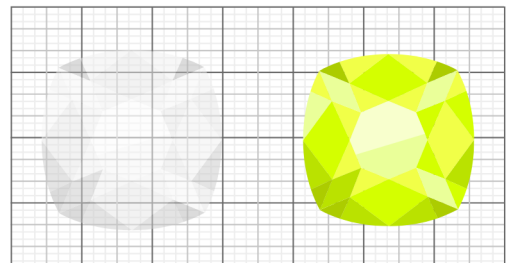
The carat weight and physical size of a diamond are important factors in determining its value. However, when it comes to fancy colored diamonds, there is a tendency to prioritize other visual elements over their size, and as a result, the surface area of the face-up view is not always given high priority. 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 view of this 0.5 ct. is Significantly Smaller than Standard.

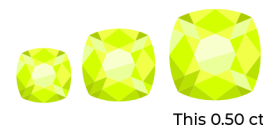
Average face-up for
this weight

Your diamond 4.11mm
x 4.02mm



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

14.9% Of all Fancy Green Yellow diamonds
are smaller than yours



This 0.50 ct

THE SI1 CLARITY IN THIS FANCY GREEN YELLOW DIAMOND

The impact of the **SI1** clarity, in a Fancy Green Yellow, Cushion cut, is negligible compared to colorless diamonds especially when it is not visible to the naked eye. The SI1 clarity grade represents 12% of all Fancy Green Yellow 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 VERY STRONG YELLOW FLUORESCENT IN THIS DIAMOND

Fluorescence refers to the emission of visible light when a diamond is exposed to UV light. The fluorescence of 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 energy from the UV light. They become excited, and as a result, release energy in the form of a yellow glow. **Yellow** fluorescence reinforces the color of this Green Yellow diamond and will entail a price premium. The stronger the yellow fluorescence, the more attractive the diamond will be.



HOW RARE IS THIS 0.50 CARAT?

- Only **1 in ~ 210,000** diamonds will have similar characteristics
- A mere **9 to 11** similar diamonds enter the market yearly



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.

