

DIARY Report #DD1751906050556

Jul 7th 2025

Dynamic
Version



GIA SUMMARY

Carat Weight

0.45 carat

Clarity Grade

SI2

Fluorescence

Strong Yellow

Color Grade

Fancy Intense Yel...

Measurements

4.58 x 3.88 x 2.72 mm

GIA No.

2186880380

Shape & Cutting

Cushion

Origin

Not Specified



THE CAUSE OF COLOR IN YOUR YELLOW GREEN 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 "**Intense**" is the Sixth strongest saturation on the scale and represents **19%** of all Yellow Green diamonds. Those graded as "Intense" Yellow Green exhibit powerful saturation and convey a strong color sensation.

There are Seven available saturation levels in Green color diamonds, Fancy Intense being the Sixth most saturated.



Faint yellow-green



Very Light yellow-green



Light yellow-green



Fancy Light yellow-green



Fancy yellow-green



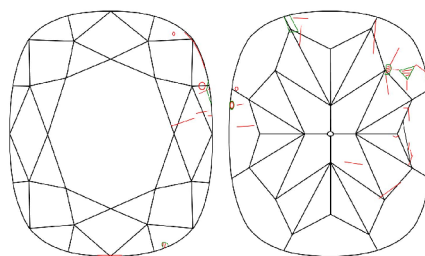
Fancy Intense yellow-green



Fancy Vivid yellow-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. **34%** from all Yellow 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.

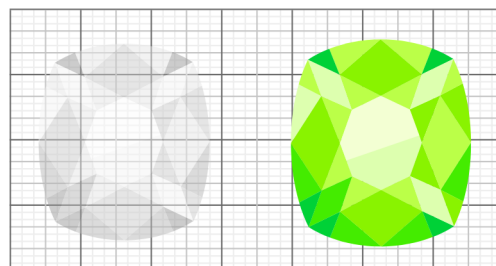
*The data in this section pertains to the relationship between your diamond's face-up dimensions and the average face-up dimensions for relevant weight categories.

The Face-up of this 0.45 carat Cushion is equivalent to that of a **0.46 - 0.47** carat which is **~2.9% larger** than the average Cushion shape in this weight.

Large face-up commands a Premium

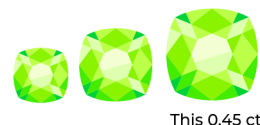
Average face-up for
this weight

Your diamond
4.58mm x 3.88mm



LEARN HOW UNIQUE IS THE WEIGHT OF A 0.45 CARAT IN YELLOW GREEN DIAMONDS

0.0% Of all Fancy Intense Yellow Green diamonds are smaller than yours



THE SI2 CLARITY IN THIS FANCY INTENSE YELLOW GREEN DIAMOND

The impact of the **SI2** clarity, in a Fancy Intense Yellow Green, Cushion cut, is negligible compared to colorless diamonds especially when it is not visible to the naked eye. The SI2 clarity grade represents 7% of all Fancy Intense Yellow Green diamonds in the 0.31 - 0.49 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 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 Yellow Green diamond and will entail a price premium. The stronger the yellow fluorescence, the more attractive the diamond will be.



HOW RARE IS THIS 0.45 CARAT?

- Only **1 in ~ 2,000,000** diamonds will have similar characteristics
- A mere **1 to 2** 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.

