

DIARY Report #DD1751215226589

Jun 29th 2025

Dynamic
Version



GIA SUMMARY

Carat Weight

0.45 carat

Clarity Grade

S11

Fluorescence

None

Color Grade

Fancy Deep Orangy...

Measurements

4.24 x 4.10 x 2.85 mm

GIA No.

5222528502

Shape & Cutting

Cushion

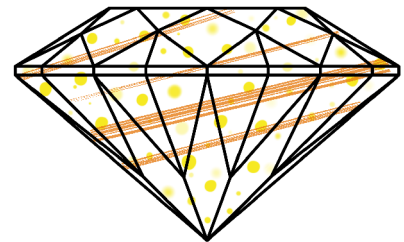
Origin

Not Specified



THE CAUSE OF COLOR IN YOUR ORANGY YELLOW DIAMOND

The **Orange and Yellow** hues of this 0.45 carat diamond attest to the presence of nitrogen atoms that absorb blue light and create a yellow hue, combined with red luminescence. Diamonds with orange and yellow appearance have a distinctive atomic structure that results from immense pressure that deformed their crystal lattice and led to the absorption of a broad range of colors, including purple, blue and green.



A WORD ABOUT THE SATURATION OF YOUR DIAMOND

The **"Deep"** grade exhibits an extremely saturated color with a darker tone. This grade represents only **3%** of all Orangy Yellow diamonds. Fancy "Deep" Orangy Yellow diamonds give a profound color sensation.

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



Fancy orangy-yellow



Fancy Intense orangy-yellow



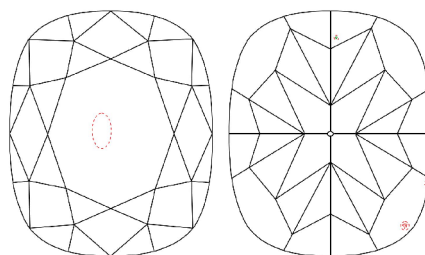
Fancy Vivid orangy-yellow



Fancy Deep orangy-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. **42%** from all Orangy Yellow fancy color diamonds are polished as Cushion / Radiant.



TRUE FACE-UP

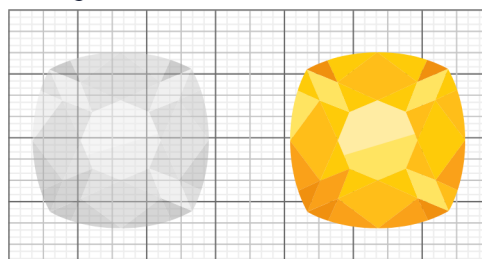
The carat weight and physical size of a diamond are important factors in determining its value. However, when it comes to fancy colored diamonds, there is a tendency to prioritize other visual elements over their size, and as a result, the surface area of the face-up view is not always given high priority.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

Average face-up for
this weight

Your diamond
4.24mm x 4.1mm



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

0.0% Of all Fancy Deep Orangy Yellow diamonds are smaller than yours



This 0.45 ct

THE SI1 CLARITY IN THIS FANCY DEEP ORANGY YELLOW DIAMOND

The impact of the **SI1** clarity, in a Fancy Deep Orangy Yellow, Cushion cut, is negligible compared to colorless diamonds especially when it is not visible to the naked eye. The SI1 clarity grade represents 13% of all Fancy Deep Orangy Yellow 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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HOW RARE IS THIS 0.45 CARAT?

- Only **1 in ~ 4,000,000** 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.

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