

**DIARY Report** #DD1751908866408

Jul 7th 2025

Dynamic  
Version



## GIA SUMMARY

### Carat Weight

0.45 carat

### Clarity Grade

SII

### Fluorescence

Faint

### Color Grade

Fancy Deep Yellow...

### Measurements

4.41 x 4.07 x 2.61 mm

### GIA No.

17620992

### Shape & Cutting

Cushion

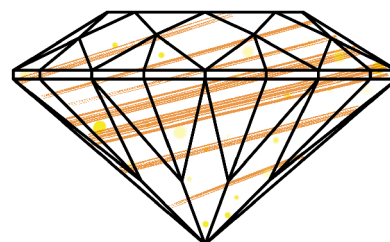
### Origin

Not Specified



## THE CAUSE OF COLOR IN YOUR YELLOWISH ORANGE 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 **15%** of all Yellowish Orange diamonds. Fancy "Deep" Yellowish Orange diamonds give a profound color sensation.

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



Fancy yellowish-orange

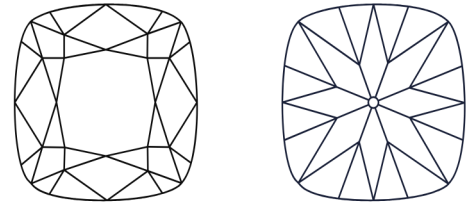
Fancy Intense yellowish-orange

Fancy Vivid yellowish-orange

Fancy Deep yellowish-orange

## 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. **25%** from all Yellowish Orange 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.

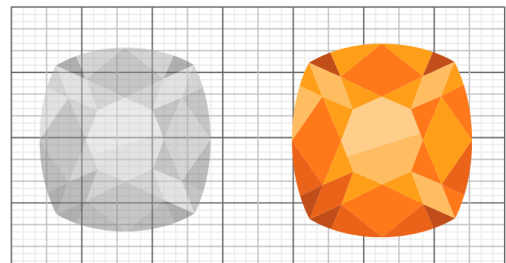
\* The data in this section pertains to the relationship between your diamond's face-up dimensions and the average face-up dimensions for relevant weight categories.

The Face-up of this 0.45 carat Cushion is equivalent to that of a **0.47 - 0.47** carat which is **~4.5% larger** than the average Cushion shape in this weight.

**Large face-up commands a Premium**

Average face-up for  
this weight

Your diamond  
4.41mm x 4.07mm



## LEARN HOW UNIQUE IS THE WEIGHT OF A 0.45 CARAT IN YELLOWISH ORANGE DIAMONDS

**0.0%** Of all Fancy Deep Yellowish Orange diamonds are smaller than yours



This 0.45 ct

## THE SI1 CLARITY IN THIS FANCY DEEP YELLOWISH ORANGE DIAMOND

The impact of the **SI1** clarity, in a Fancy Deep Yellowish Orange, Cushion cut, is negligible compared to colorless diamonds especially when it is not visible to the naked eye. The SI1 clarity grade represents 24% of all Fancy Deep Yellowish Orange diamonds in the 0.31 - 0.49 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 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 0.45 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 0.45 CARAT?

- Only **1 in ~1,000,000** diamonds will have similar characteristics
- A mere **1 to 3** 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](mailto:customers@fcresearch.org).

