Fancy Color Research Foundation

DIAMOND DIARY REPORT©

DIARY Report #DD1751907490954

Jul 7th 2025

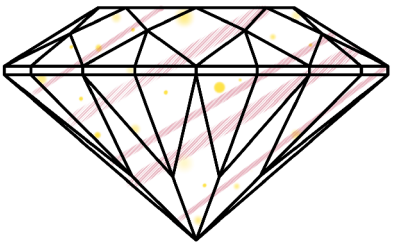
Dynamic Version

GIA SUMMARY

Carat Weight	Clarity Grade	Fluorescence
0.51 carat	SI2	Faint
Color Grade	**Measurements**	**GIA No.**
Fancy Deep Orangy...	7.71 x 4.18 x 2.21 mm	2171433769
Shape & Cutting	**Origin**	
Pear	Not Specified	

THE CAUSE OF COLOR IN YOUR ORANGY PINK DIAMOND

The combination of the pink and orange hue in your Fancy Deep **Orangy Pink** 0.51 carat diamond is caused by a fascinating geological phenomenon that occurs when certain diamonds undergo more forcible pressure and heat than others. Diamonds that are exposed to 900° Celsius and manage to withstand the immense pressure underground experience a unique change in their atomic alignment. That's when the magic happens! Scientists believe that when light enters your Fancy Deep Orangy Pink Pear diamond and crosses its special atomic distortion, the light rays bend at an angle that absorbs the green light and creates a pink color sensation. Pink diamonds that have a high amount of nitrogen, which absorbs the blue color and causes a yellow color, will lean towards a warmer hue and produce a diamond with a combination of orange and pink.



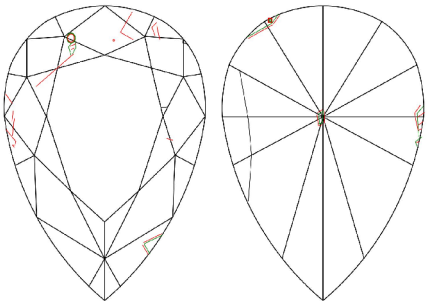
A WORD ABOUT THE SATURATION OF YOUR DIAMOND

The **"Deep"** grade exhibits an extremely saturated color with a darker tone. This grade represents only **4%** of all Orangy Pink diamonds. Fancy "Deep" Orangy Pink diamonds give a profound color sensation.

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

THE FUNDAMENTALS OF THIS DIAMOND'S SHAPE

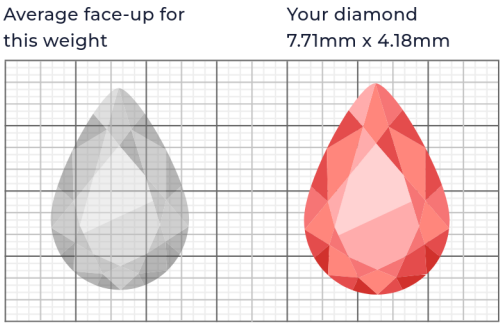
This **Pear** -shape's pavilion was modified from a brilliant facet alignment to optimize color retention, hence the name of this shape. Only **19%** from all Orangy Pink fancy color diamonds are polished as a Pear shape.



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 0.51 carat Pear is equivalent to that of a **0.67 - 0.68** carat which is **~32.1% larger** than the average Pear shape in this weight.
Large face-up commands a Premium



LEARN HOW UNIQUE IS THE WEIGHT OF A 0.51 CARAT IN ORANGY PINK DIAMONDS

36.3% Of all Fancy Deep Orangy Pink diamonds are smaller than yours

This 0.51 ct

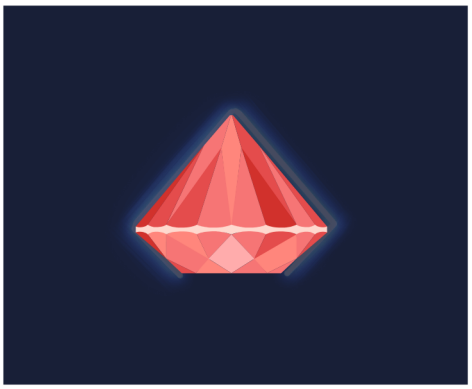
THE SI2 CLARITY IN THIS FANCY DEEP ORANGY PINK DIAMOND

Most Orangy Pink fancy color diamonds are formed under greater underground pressure relative to other diamonds. As such, many Orangy Pink rough diamonds are heavily fractured and cracked and as a result, receive a low clarity grade. Pursuing a high clarity grade during the manufacturing process usually entails a significant weight loss. The **SI2** clarity grade on your Fancy Deep Orangy Pink diamond represents only 27% of all Fancy Deep Orangy Pink diamonds in the 0.50 - 0.69 carat weight category.

F/IF	VVS	VS	SI1	SI2	I
Flawless / Internally flawlesss	Very Very Slightly Included	Very Slightly Included	Slightly Included	Slightly Included	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 0.51 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 0.51 CARAT?

- Only **1 in ~ 20,000,000** diamonds will have similar characteristics
- A similar diamond enters the market once every **8 To 12 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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