

DIARY Report #DD1751905798210

Jul 7th 2025

Dynamic
Version



GIA SUMMARY

Carat Weight

0.47 carat

Clarity Grade

I1

Fluorescence

Faint

Color Grade

Fancy Purplish Re...

Measurements

4.73 x 3.99 x 2.73 mm

GIA No.

5141368160

Shape & Cutting

Radiant

Origin

Not Specified



THE CAUSE OF COLOR IN YOUR PURPLISH RED DIAMOND

The **Red** hue in your Fancy Purplish Red 0.47 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 Purplish Red Radiant diamond and crosses its special atomic distortion, the light rays bend at an angle that absorbs the full range of light besides red light waves. Red diamonds with a low amount of nitrogen produce a combination of red and purple color sensation.

color cause

A WORD ABOUT THE SATURATION OF YOUR DIAMOND

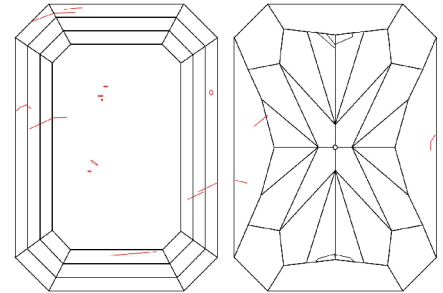
Red, in essence, is an extremely saturated hue. As such, diamonds with a red body color will be classified with the one absolute grade, which is **Fancy**.



Fancy purplish-red

THE FUNDAMENTALS OF THIS DIAMOND'S SHAPE

The **Radiant** mixed-cut diamond features a starburst facet alignment on the pavilion and step-cut facets on the crown, resulting in fewer facets than a regular Radiant. Its outline is inspired by the classic Emerald cut diamond. **24%** from all Purplish Red 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.

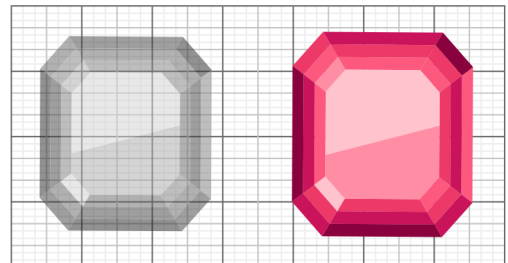
* The data in this section pertains to the relationship between your diamond's face-up dimensions and the average face-up dimensions for relevant weight categories.

The Face-up of this 0.47 carat Radiant is equivalent to that of a **0.49 - 0.50** carat which is **~4.4% larger** than the average Radiant shape in this weight.

Large face-up commands a Premium

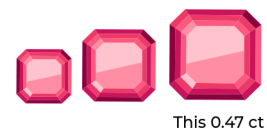
Average face-up for
this weight

Your diamond
4.73mm x 3.99mm



LEARN HOW UNIQUE IS THE WEIGHT OF A 0.47 CARAT IN PURPLISH RED DIAMONDS

0.0% Of all Fancy Purplish Red diamonds
are smaller than yours



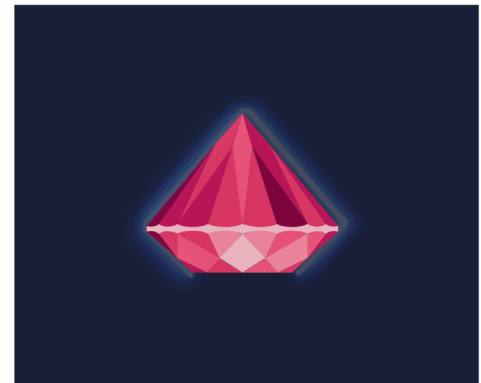
THE I1 CLARITY IN THIS FANCY PURPLISH RED DIAMOND

Most Purplish Red fancy color diamonds are formed under greater underground pressure relative to other diamonds. As such, many Purplish Red 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 **Included** clarity grade on your Fancy Purplish Red diamond represents 6% of all Fancy Purplish Red 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 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 0.47 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 0.47 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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