DZ Color Estimate

On this page:

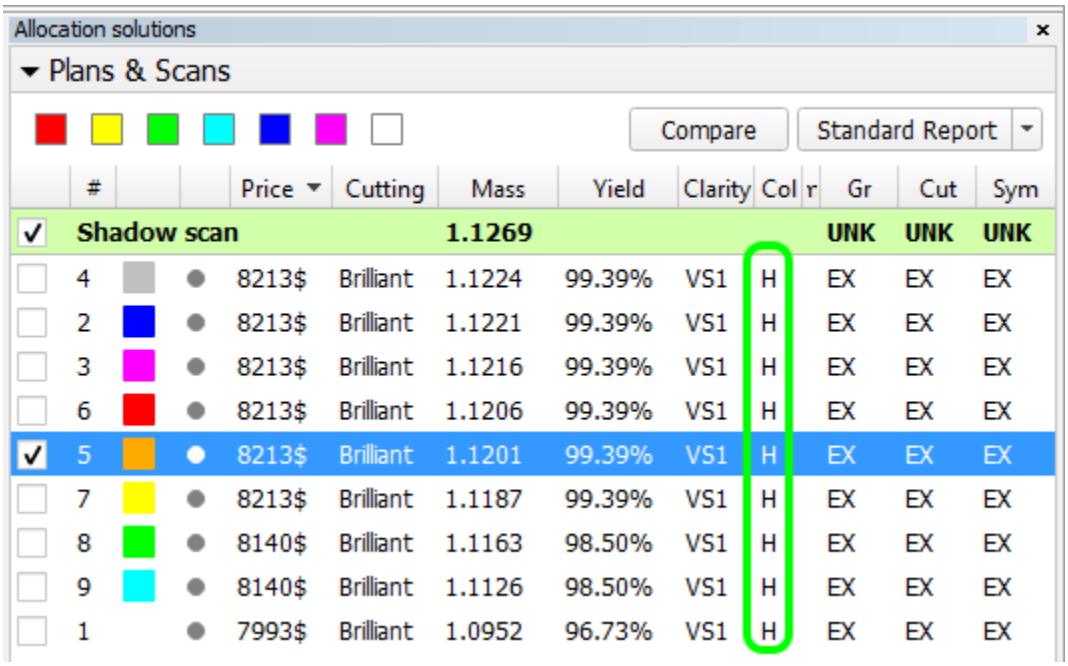
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Overview

DZ color estimate assigns color grades to a series of recut solutions based on the expert estimate for one of them.

> **DZ color estimate** feature of HPOxygen is limited to solutions with Round brilliant cutting and weight up to 1.6 ct. If this does not cover your needs, consider buying the dedicated product **Oxygen D-Z.**

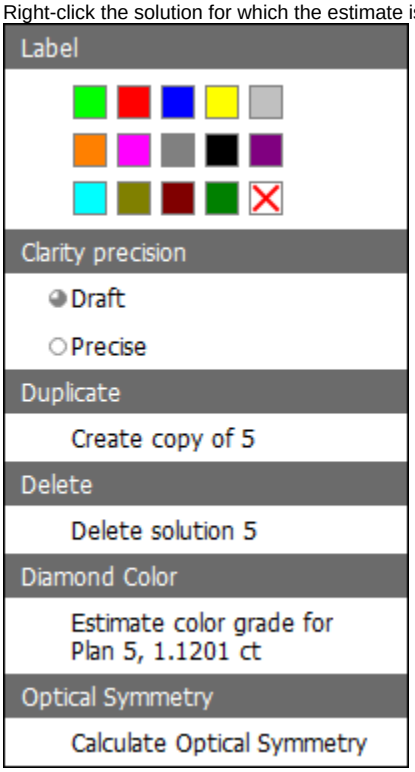
New solutions produced by the recut procedure are initially assigned the default color grade (H):



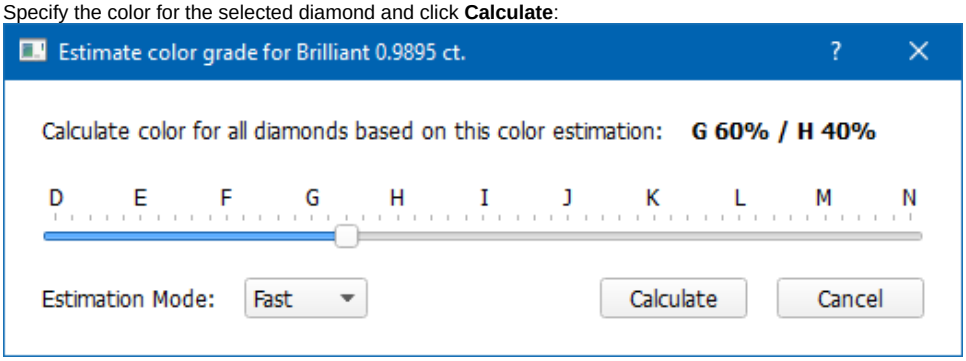
#	Price	Cutting	Mass	Yield	Clarity	Col	r	Gr	Cut	Sym
Shadow scan			1.1269					UNK	UNK	UNK
4	8213$	Brilliant	1.1224	99.39%	VS1	H		EX	EX	EX
2	8213$	Brilliant	1.1221	99.39%	VS1	H		EX	EX	EX
3	8213$	Brilliant	1.1216	99.39%	VS1	H		EX	EX	EX
6	8213$	Brilliant	1.1206	99.39%	VS1	H		EX	EX	EX
5	8213$	Brilliant	1.1201	99.39%	VS1	H		EX	EX	EX
7	8213$	Brilliant	1.1187	99.39%	VS1	H		EX	EX	EX
8	8140$	Brilliant	1.1163	98.50%	VS1	H		EX	EX	EX
9	8140$	Brilliant	1.1126	98.50%	VS1	H		EX	EX	EX
1	7993$	Brilliant	1.0952	96.73%	VS1	H		EX	EX	EX

To assign color grades using DZ color estimate, perform the following steps:

1. Right-click the solution for which the estimate is available. A popup window will appear. Select **Estimate color grade for (...)**:

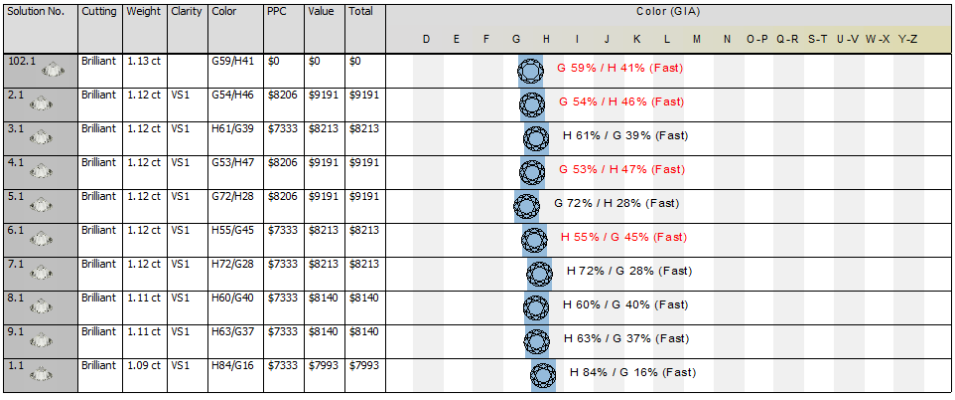


2. Specify the color for the selected diamond and click **Calculate**:



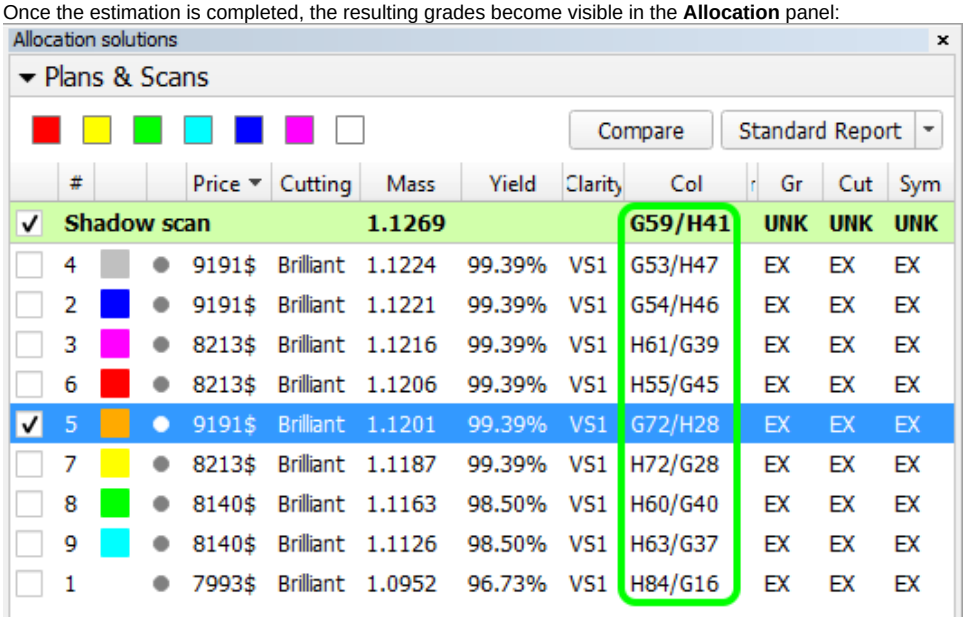
The estimation will start.

3. As the estimation progresses, the results will show up one by one, until all models in the file (including the active scan) are processed.



Solution No.	Cutting	Weight	Clarity	Color	PPC	Value	Total	Color (GIA)
102.1	Brilliant	1.13 ct		G59/H41	$0	$0	$0	G 59% / H 41% (Fast)
2.1	Brilliant	1.12 ct	VS1	G54/H46	$8206	$9191	$9191	G 54% / H 46% (Fast)
3.1	Brilliant	1.12 ct	VS1	H61/G39	$7333	$8213	$8213	H 61% / G 39% (Fast)
4.1	Brilliant	1.12 ct	VS1	G53/H47	$8206	$9191	$9191	G 53% / H 47% (Fast)
5.1	Brilliant	1.12 ct	VS1	G72/H28	$8206	$9191	$9191	G 72% / H 28% (Fast)
6.1	Brilliant	1.12 ct	VS1	H55/G45	$7333	$8213	$8213	H 55% / G 45% (Fast)
7.1	Brilliant	1.12 ct	VS1	H72/G28	$7333	$8213	$8213	H 72% / G 28% (Fast)
8.1	Brilliant	1.11 ct	VS1	H60/G40	$7333	$8140	$8140	H 60% / G 40% (Fast)
9.1	Brilliant	1.11 ct	VS1	H63/G37	$7333	$8140	$8140	H 63% / G 37% (Fast)
1.1	Brilliant	1.09 ct	VS1	H84/G16	$7333	$7993	$7993	H 84% / G 16% (Fast)

4. Once the estimation is completed, the resulting grades become visible in the **Allocation** panel:

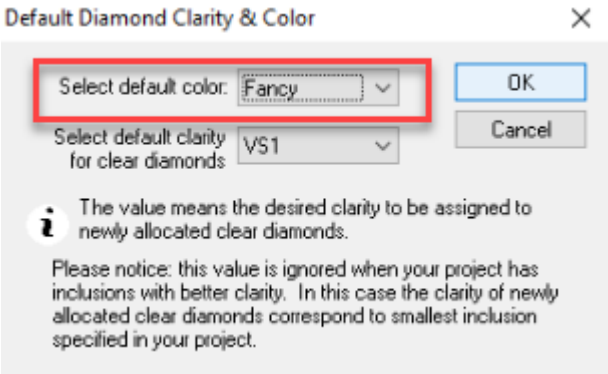
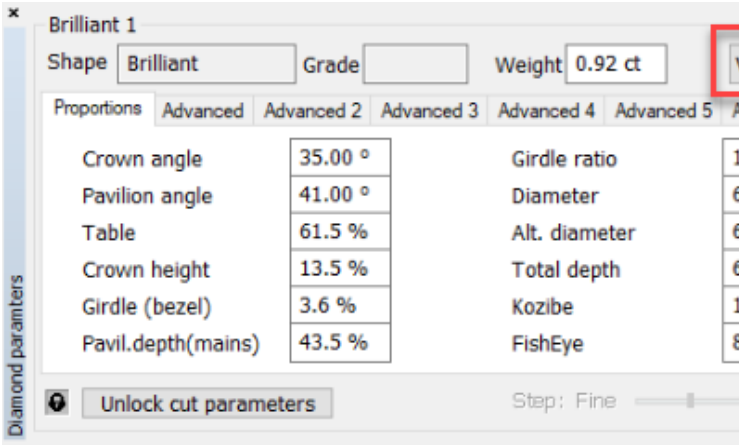


5. To revisit the page with the color grading results afterwards, use the button on the main panel:



Default olor and manual edit

The colors can be set both as the default system value and changed manually for the specific model.

Default Setting	Manual Editing
	
Settings > **Color and lighting settings**	Select the solution, then **View** > **Show parameters panel**, unlock the parameters, t the picture. The price will be updated.

Colors for fancy diamonds

> ⚠ This functionality is currently available only under the special "DeveloperBetaPlus" HASP key.

The **DZ** list of colors includes Fancy diamonds colors:

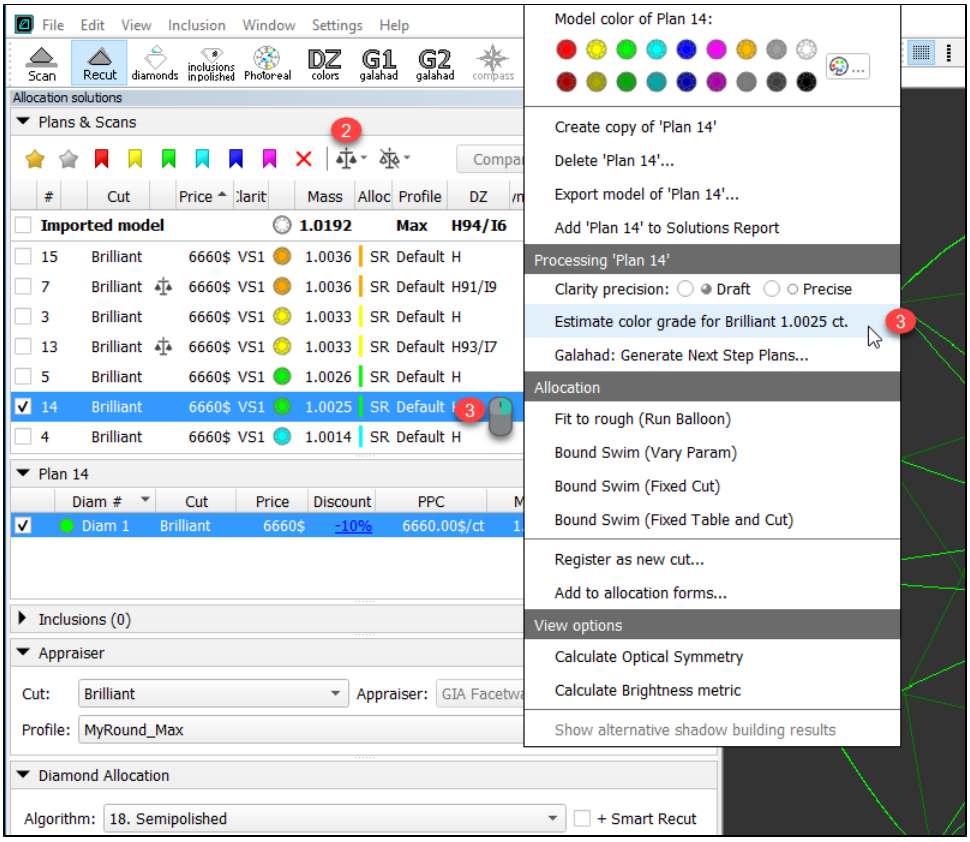
- Vivid
- Fancy
- Light
- Dull

Estimate only selected solutions

You are able to obtain the DZ color estimation only for the selected solutions.

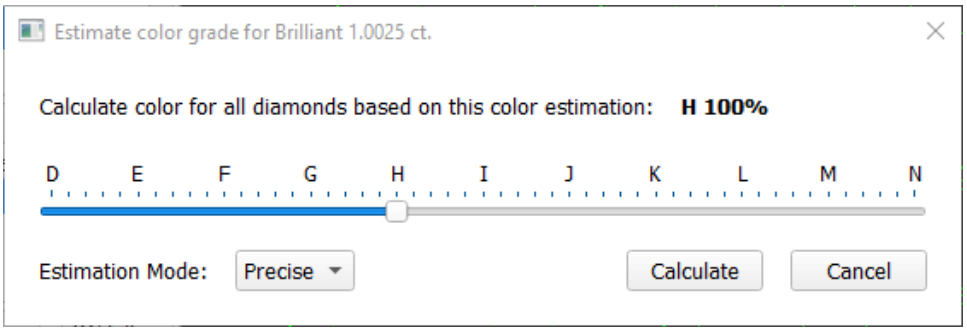
To do that:

1. In the solution list, select the checkboxes to the right of the solutions you want to get an estimation for.
2. On the toolbar of the **Plans & Scans** section, click the **Add solution(s) to Solutions Report** button. The solutions are marked with .
3. In the solution list, right-click the solutions you want to start estimation from and then select **Estimate color grade for ...**



The estimate dialog is displayed.

4. In the estimate dialog, set color estimation for your starting solution and the **Estimation Mode**.



5. Click **Calculate**. The system switches to the **DZ colors** mode and displays the progress. As soon as the calculation for the selected solutions is finished, their results are displayed in the table.

