Setup DiBox for fancy color diamonds

- Presets setup for new Fancy Color HDR
- hdrsettings.xml settings update

DiBox software v6.1.5

Presets setup for new Fancy Color HDR

Run DiBox.exe with "/setup" argument. You can do it from command line or by adding arguments to the DiBox shortcut.

There are two presets for colored diamonds: "ColorDiamond-FaceUp" and "ColorDiamond-RBC-FaceUp". Select one of them and press the Create but ton.

New Diamond				
Stone ID testID Preset ColorDiamond-Faceup	Extended Mode Create Cancel			

These presets include lighting presets that contain "Fancy Color" in their names:

Capture Edit Export					
Face Up	Ô	ASET Black (Fancy color)		•	N
Exposure: 20		Put stone face up	()	٩×	Â
Gain: 0		DarkField - Home	()	××	
Avg frames: 3		SET Black (DF hol	()	٩×	E
WB: 1.52 .88 .87 1.74		ASET Black	()	٩X	
Crop: 1440 × 1440		ASET Black (Fancy	()	٩×	
FPS: 18		ASET Black (Fancy		××	
GPU Center: X: 0.00° (* Y: 0.00° (* (0,0))		ASET White		٩X	
Z: 0.00° 🛱		Office (Fancy color		٩×	
✓ FS White 100 ○ UV ○ Advanced		Fire (Fancy color		٩×	
Pins: 1 2 3 TrayLock: Closed Opened		Office (Fancy color)		××	
Upen lock Close lock Light temperature: 34.7°		Fire (Fancy color)		٩×	
		Arrows		٩x	Ŧ

New HDR algorithm for fancy color diamonds will be used

for a lighting preset only if the following conditions are met:

- 1. The HDR checkbox is checked for this lighting and capture mode (photo / video).
- 2. The lighting preset name contains both "Fancy Color" and one of next words: "Fire", "Office" or "Table Color".

Below you'll see how to setup lighting presets for colored diamonds.

1. Press the Settings button or CTRL+ALT+s and uncheck these checkboxes to disable lightings auto change: Settings Enhance images Save intermediate data Save RAW in project folder Make shot after light change Go to next lighting after shot Calculate contour Capture lab-grown diamonds Pause after movement: 50 Exposure delay: 30 OK 2. Open lightings list and select "Office (Fancy color)" preset: Office (Fancy color) 1 X X 3. If you want the DiBox to take HDR results for this lighting and selected capture mode (photo / video), check the HDR checkbox: Edit Export Capture Face Up Exposure: 120 Gain: 0 Avg frames: 3 🗸 HDR Additional color correction 4. Press Capture to save the HDR checkbox state to config file. 0 5. Check another capture mode for this lighting by pressing checkbox. Check the HDR checkbox for this capture mode again to save the checkbox state for this capture mode. and press 6. Repeat steps 3-5 for next lighting presets: Fire (Fancy Color) Table Color UV Free (Fancy Color) Table Color Lab (Fancy Color) ٠ Table Color Outdoor (Fancy Color) 7. Close the DiBox program.

To check that all your changes are saved:

- 1. Run the DiBox program without the "/setup" argument.
- 2. Select a preset that you had changed (ColorDiamond-FaceUp), press Create.
- 3. Select lightings from the lightings list and check that the **HDR** checkbox state is what you want. Also, press and check the HDR checkbox state for movie capture mode.

checkbox

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hdrsettings.xml settings update

hdrsettings.xml in %appdata%\Octonus\DiBox is updated automatically once software is installed.

This is updated hdr_settings.xml