

# white ink color spot creation manual (V2.0)

## **White spot colors create two schemes:**

(Customers can choose different solutions according to different needs and operating habits)

### **Option 1: Photoshop (Ps) software**

(manually create a spot color channel) (TIF format picture)

**Method 1: White ink is fully spread according to the image**

**Method 2: White ink According to the color of the image, there is more white ink in light colors and less white ink in dark colors.**

### **Option 2: FlexiPRINT (PP) software**

(Automatically create a spot color channel) (PNG format image)

**Method 1: White ink is fully spread according to the image**

**Method 2: White ink According to the color of the image, there is more white ink in light colors and less white ink in dark colors.**

# white ink color spot creation manual (V2.0)

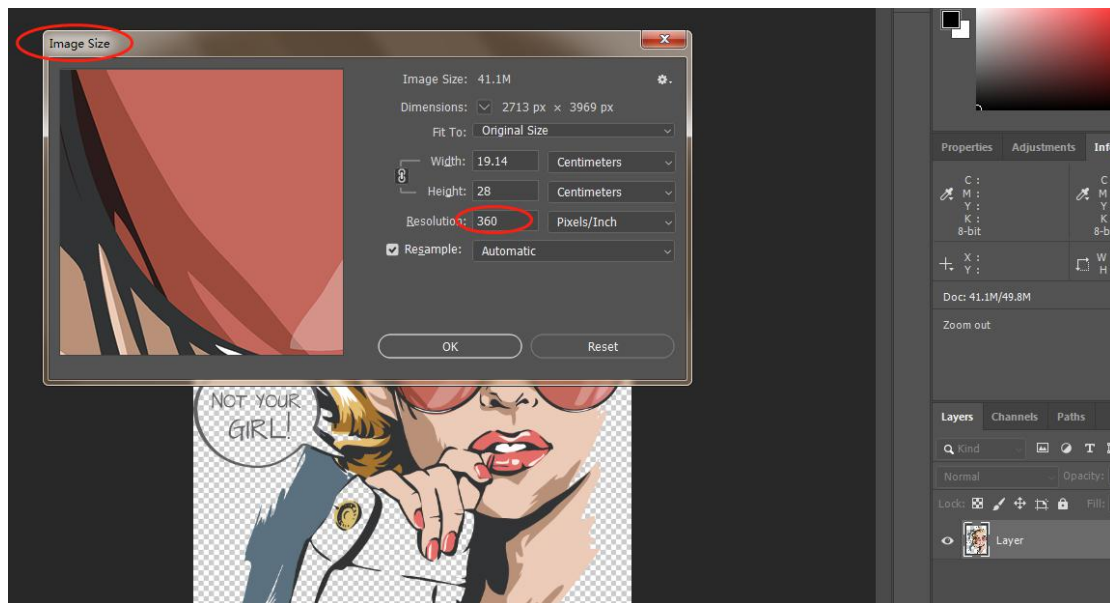
## Option 1: Photoshop (Ps) software

(manually create a spot color channel) (TIF format picture)

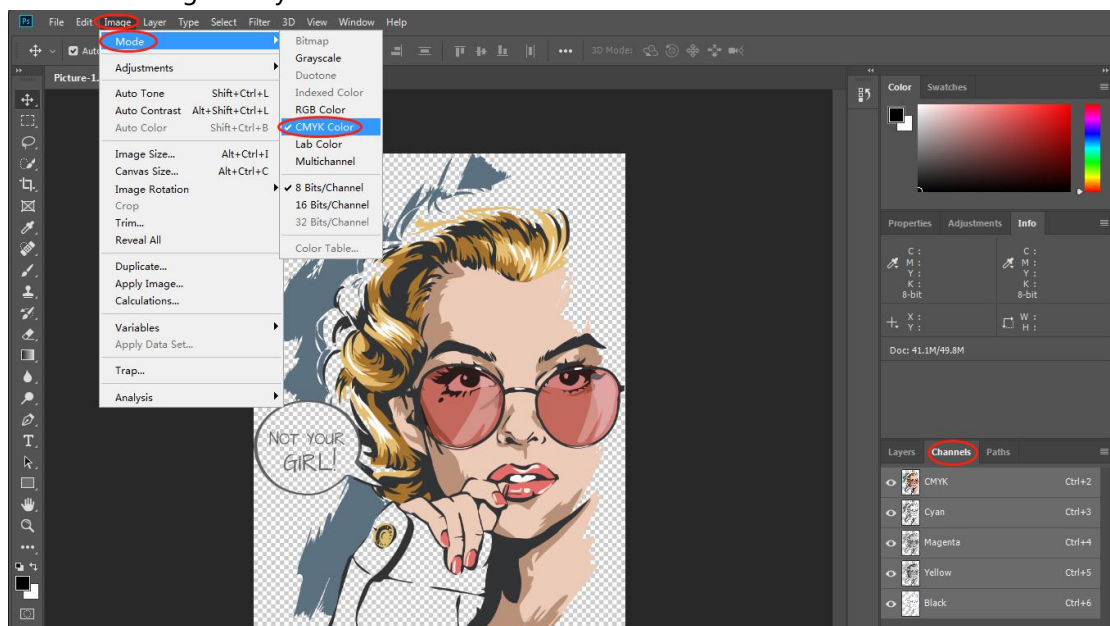
### **Method 1: White ink is fully spread according to the image**

1. Open the image with Photoshop software and use the shortcut key "Alt+Ctrl+I". Modify the image width and height according to your needs. It is recommended to modify the image resolution as: 360 pixels/inch.

(Image requirements: do not need to print the part, keep it as a transparent bottom, without any background)

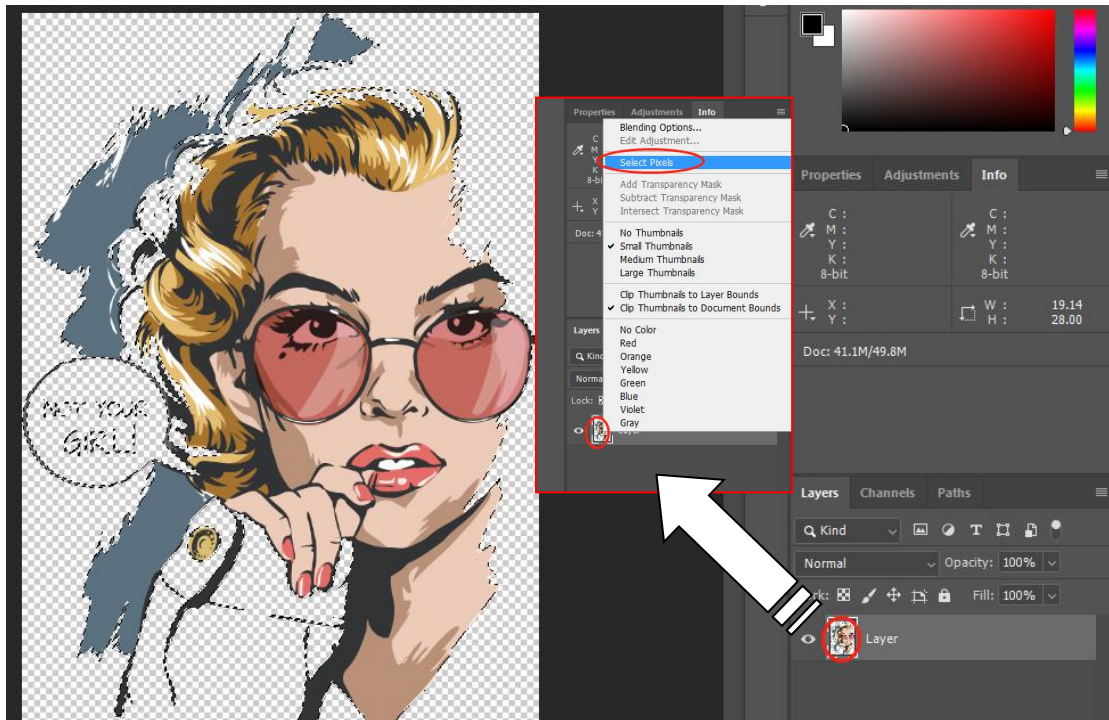


2. Channel mode, RGB and CMYK are common, customers can modify according to their needs. CMYK mode is generally recommended.



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3. Load the selection, hold down the keyboard "Ctrl" key and click the image of the layer with the left mouse button, or select the layer and click the right mouse button to "select pixels" to select all picture pixels into the selection.

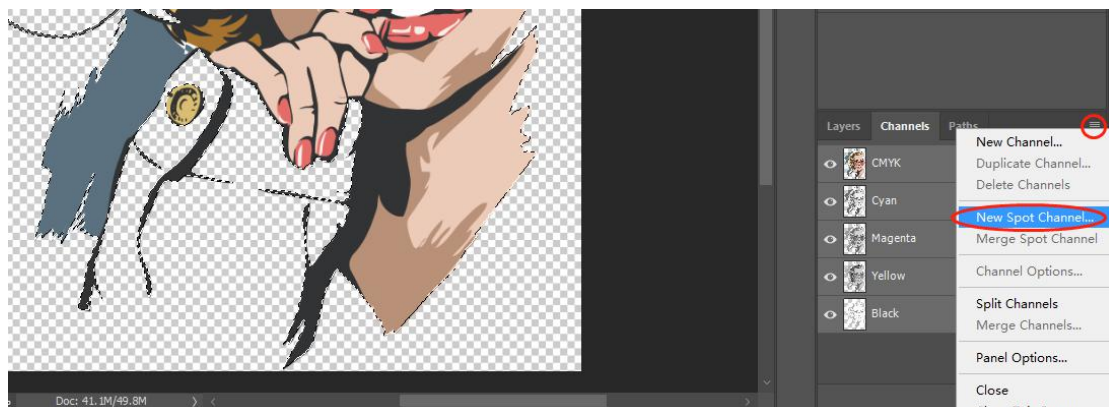


4. New white channel, switch to the channel, click the small icon on the right with the left mouse button, and select "New Spot Channel" in the drop-down menu. The settings in the pop-up window are as follows:

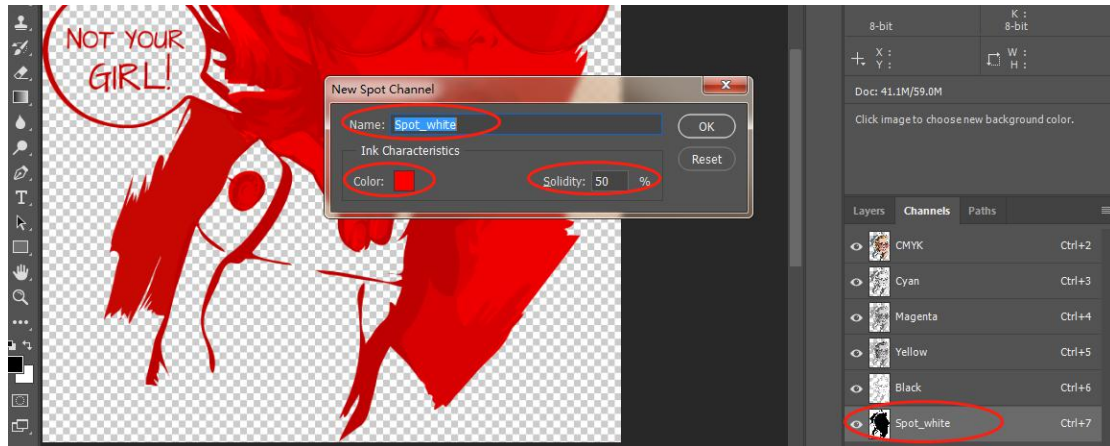
Name: Spot\_white

Color: Default (just as a preview, it has nothing to do with the image color)

Solidity: Default (the density of the color preview has nothing to do with the thickness of the white ink)



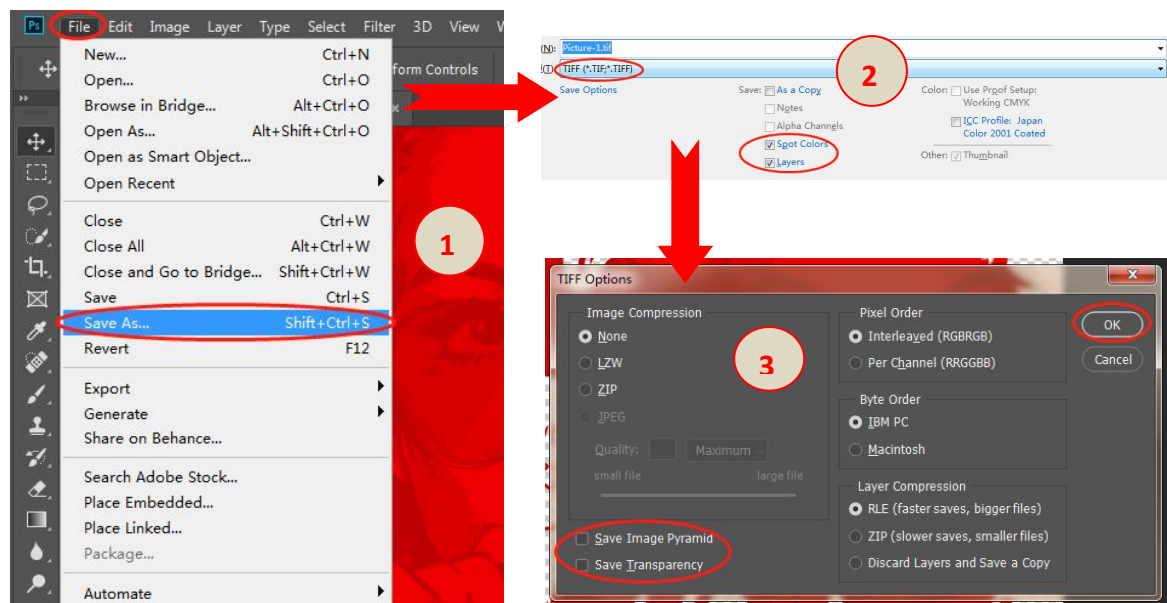
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5. To save the picture, generally select "Save as" and the shortcut key "Shift+Ctrl+S".

In the second dialog box, select the save type: TIF format, spot color: checked by default, layer: checked by default, and other options can be defaulted.

In the third dialog box, please pay special attention to the fact that "Save Transparency" cannot be checked; other setting options can be set by default and can be modified according to requirements. Choose the save path, and finally "OK" to save the file.



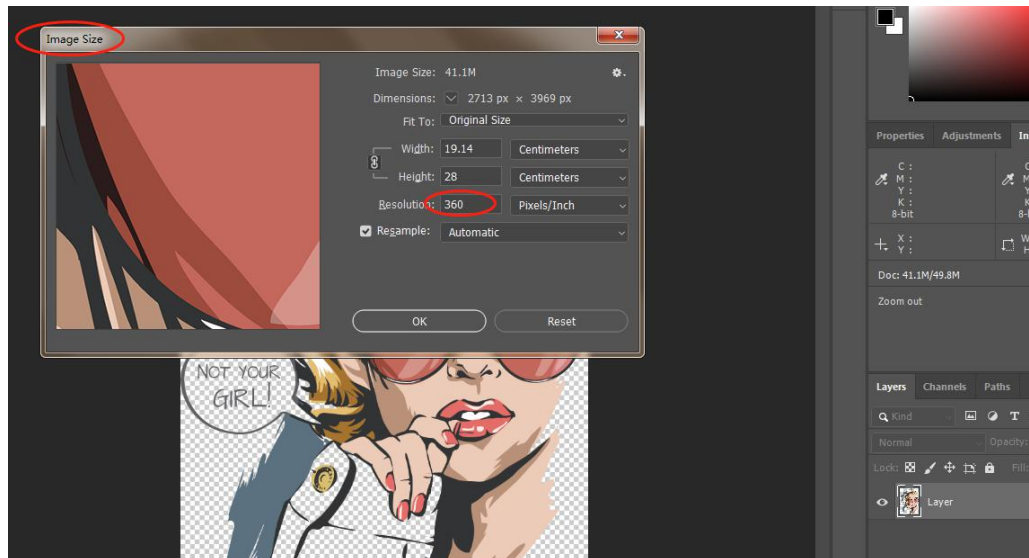


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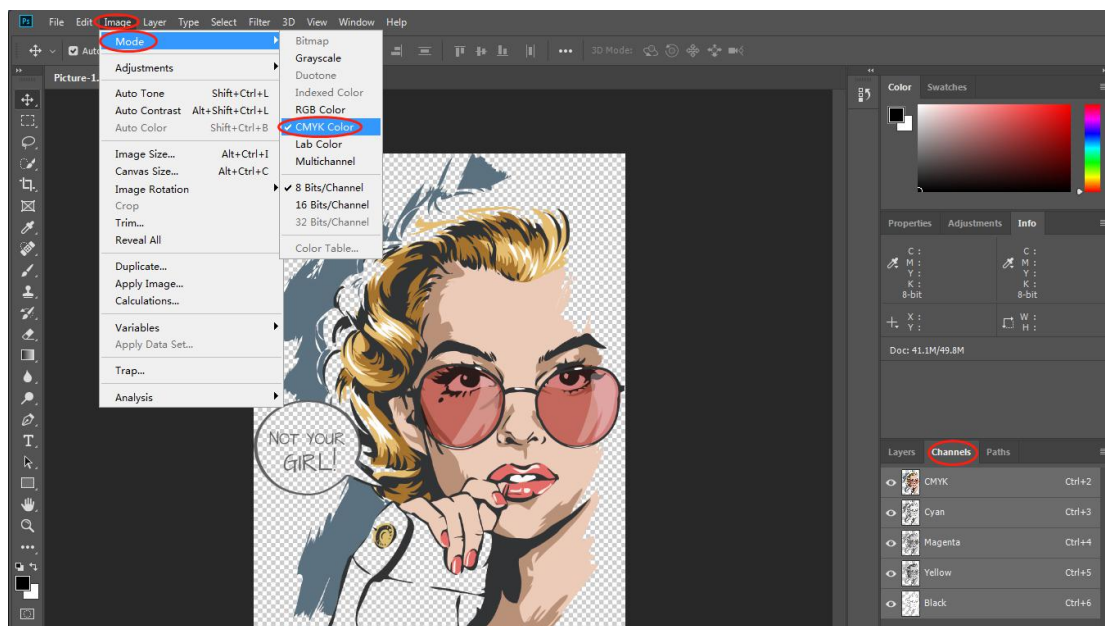
**Method 2: White ink** According to the color of the image, there is more white ink in light colors and less white ink in dark colors.

1. Open the image with Photoshop software and use the shortcut key "Alt+Ctrl+I". Modify the image width and height according to your needs. It is recommended to modify the image resolution as: 360 pixels/inch.

(Image requirements: do not need to print the part, keep it as a transparent bottom, without any background)

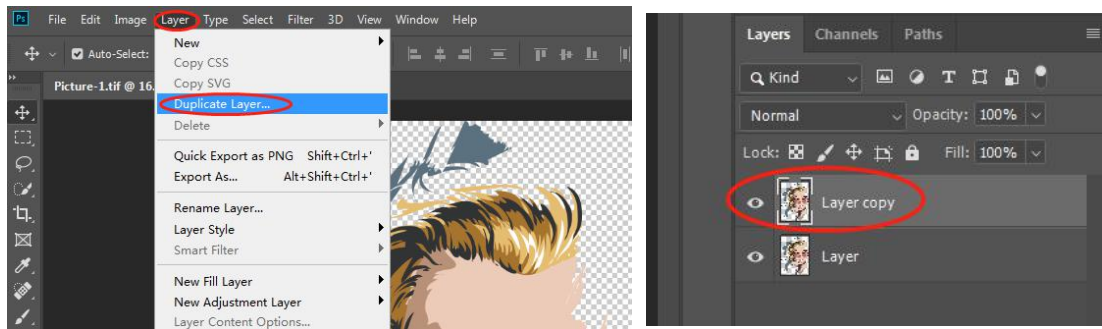


2. Channel mode, RGB and CMYK are common, customers can modify according to their needs. CMYK mode is generally recommended.

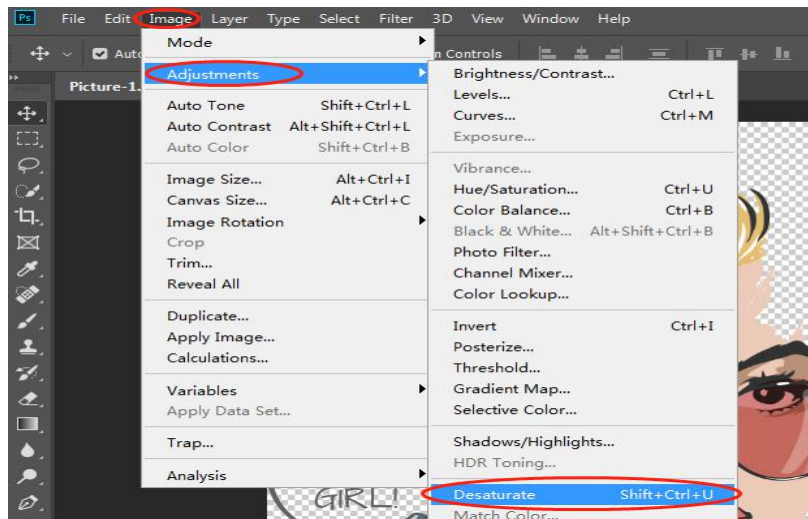


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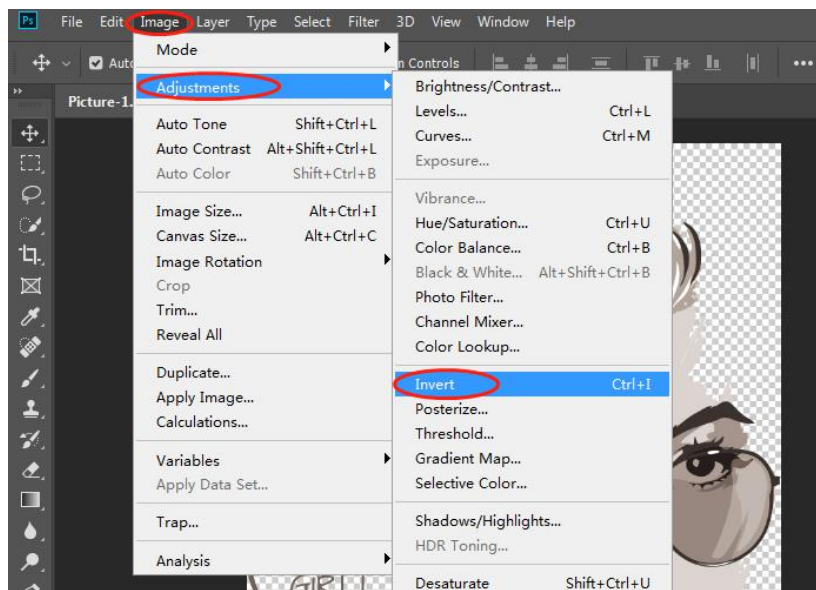
3. Copy layer, menu Layer-Duplicate layer, shortcut key "Ctrl+J".



4. Desaturate the image, select the copied layer, select the menu "Image" — "Adjustments" — "Desaturate", or use the shortcut key "Shift+Ctrl+U" to desaturate.

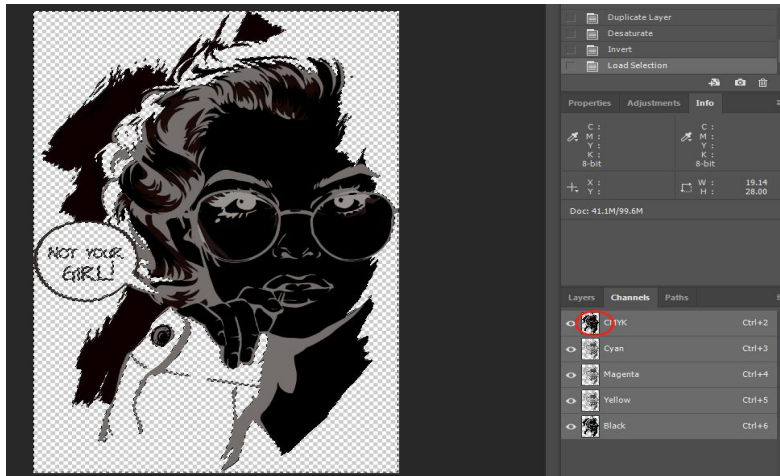


5. Invert the image, select the copied layer and select the menu "Image" — "Adjustments" — "Invert", or use the shortcut key "Ctrl+I" to invert.

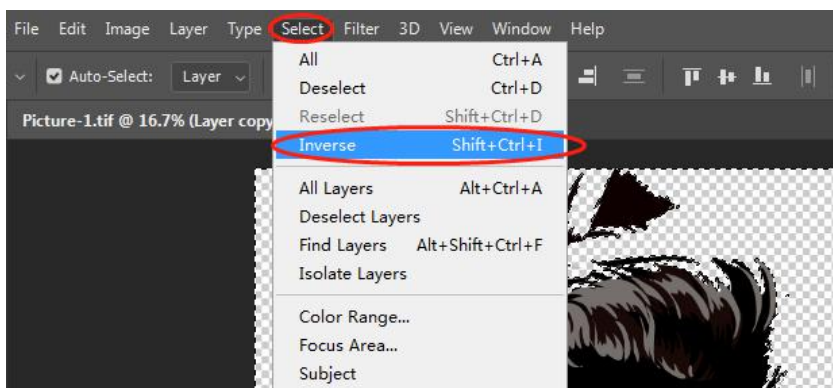


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6. Load the selection area, switch the menu to "Channel", hold down the keyboard "Ctrl" key and click the image of the channel "CMYK" with the left mouse button.



7. The selection is inverse. After loading the selection, select the menu "Select"—"Inverse", or use the shortcut key "Shift+Ctrl+I" to inverse the selection.

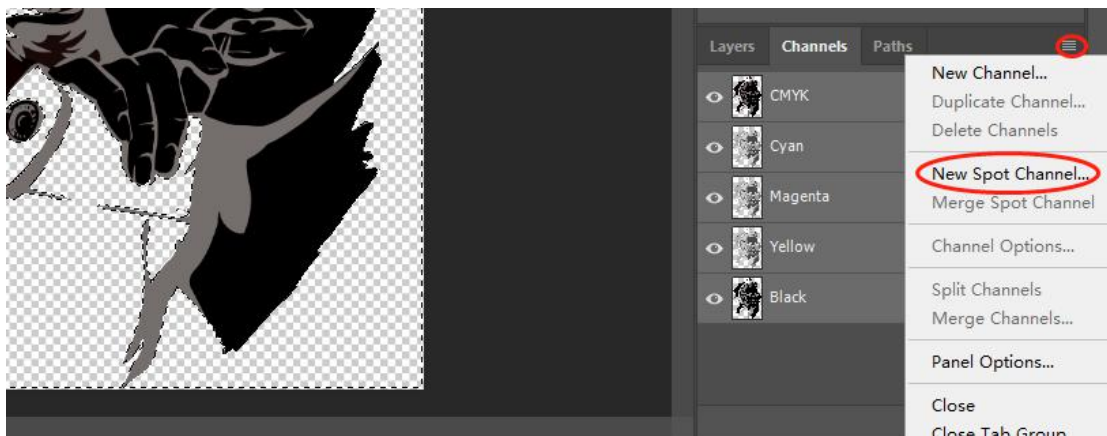


8. Create a new white channel, switch to the channel, click the small icon on the right with the left mouse button, and select "New Spot Color Channel" in the drop-down menu. The settings in the pop-up window are as follows:

Name: spot\_white

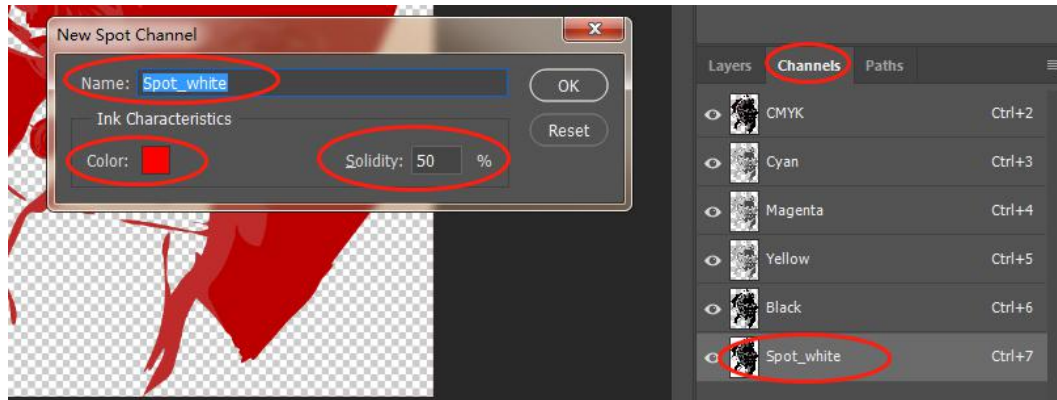
Color: Default (just as a preview, it has nothing to do with the image color)

Density: Default (the density of the color preview has nothing to do with the thickness of the white ink)

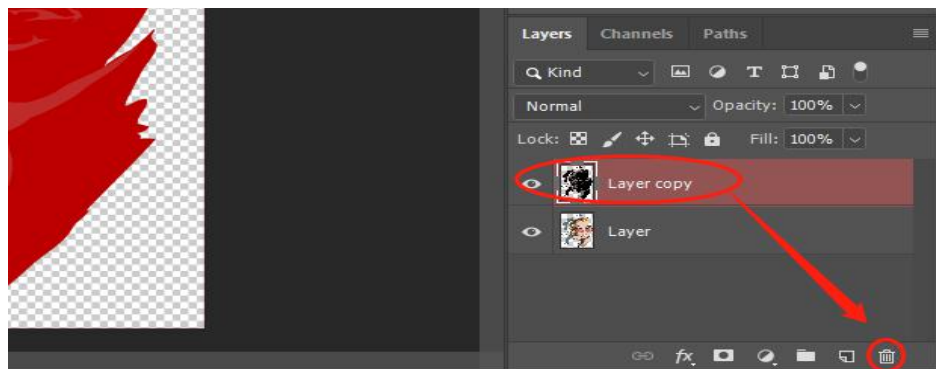




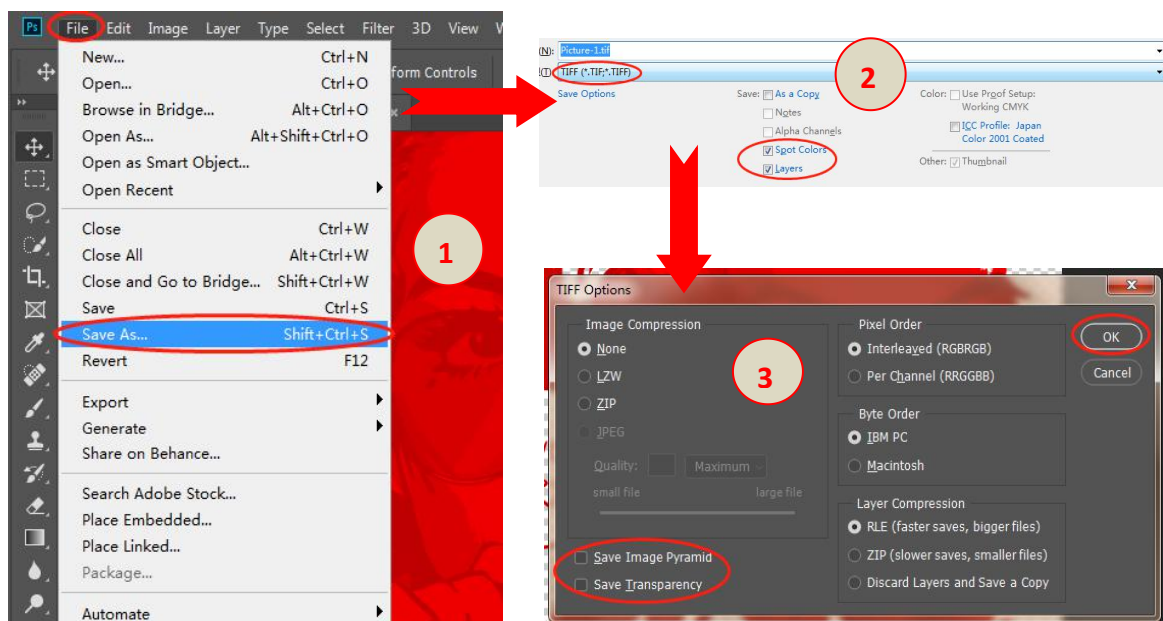
## white ink color spot creation manual (V2.0)



9. Delete the copy layer. Drag the copy layer to the recycle bin to delete, or right-click to open the menu and select "Delete Layer" or press "Delete"



10. To save the picture, generally select "Save as" and the shortcut key "Shift+Ctrl+S". In the second dialog box, select the save type: TIF format, spot color: checked by default, layer: checked by default, and other options can be defaulted. In the third dialog box, please pay special attention to the fact that "Save Transparency" cannot be checked; other setting options can be set by default and can be modified according to requirements. Choose the save path, and finally "OK" to save the file.





# white ink color spot creation manual (V2.0)

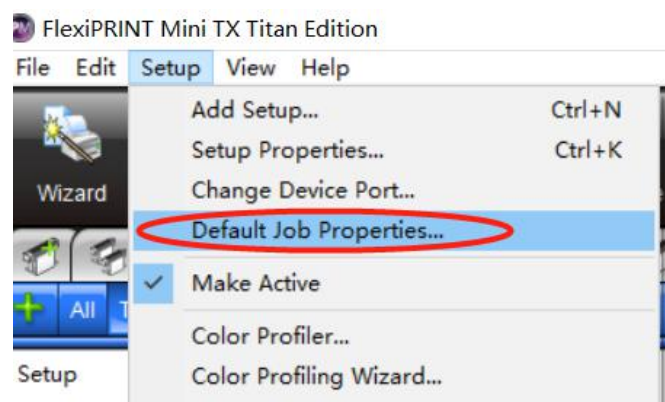
## Option 2: FlexiPRINT (PP) software

(Automatically create a spot color channel) (PNG format image)

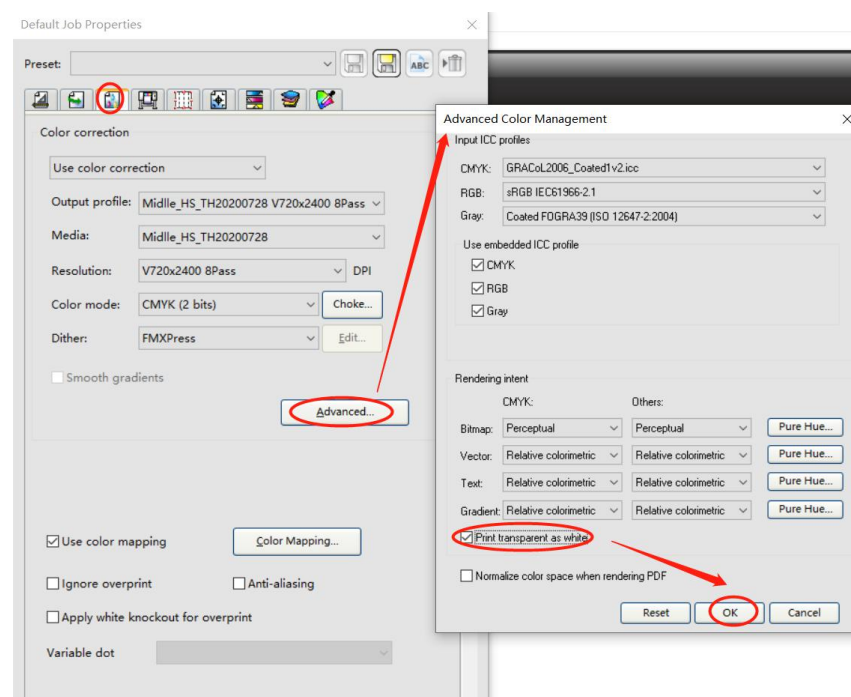
### **Method 1: White ink is fully spread according to the image**

1. Export pictures in PNG format through picture editing software, such as CDR, AI, PS. Modify the image width and height according to your needs, the recommended export resolution is: 360 pixels/inch. (image requirements: no printing part is required, keep it as transparent bottom, do not have any background)

2. Open FlexiPRINT (PP), open the menu "Setup" - "Default Job Properties"

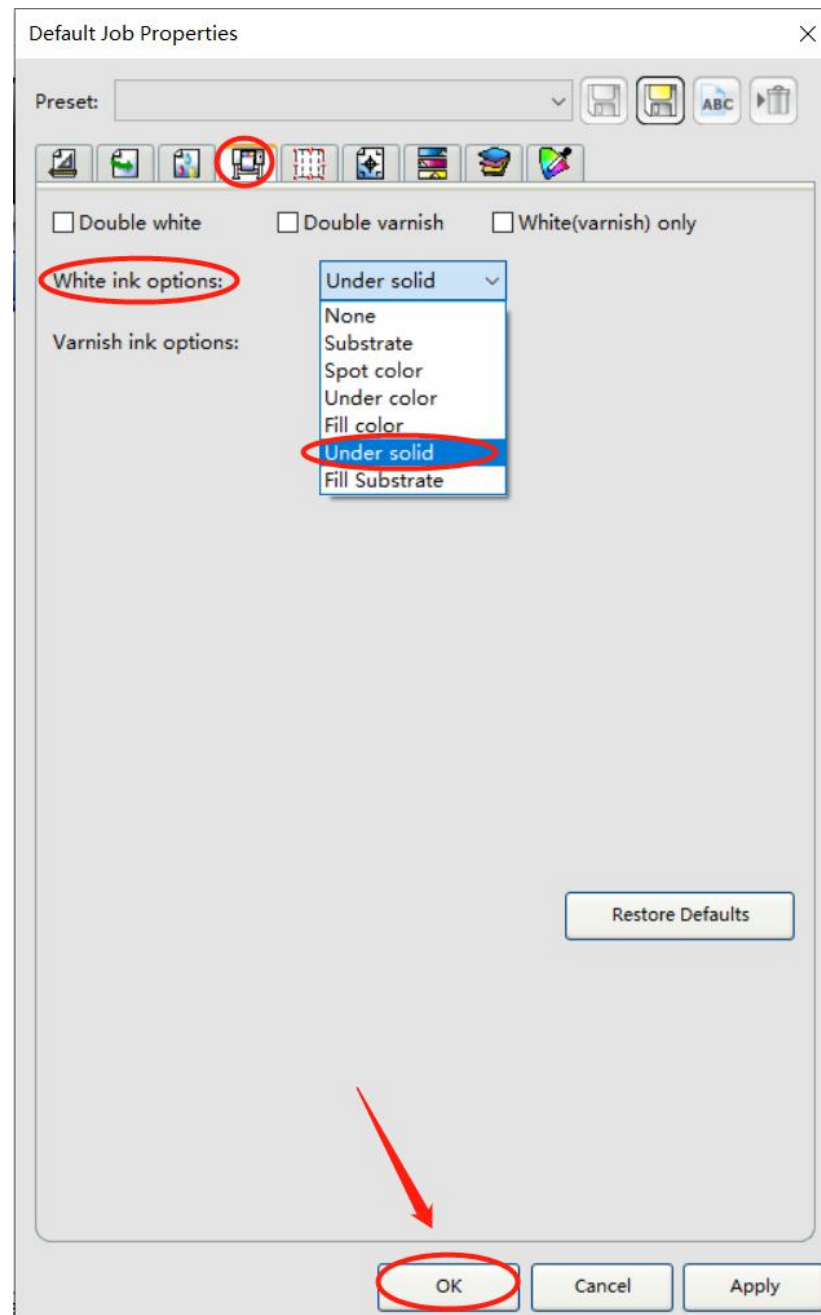


3. In the "Color Management" window, open the "Advanced" option, check the "Print transparent as white" in it, and then "OK" to save.



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4. In the "Printer Options" window, the setting in the white ink options is changed to "Under solid", and finally "OK" to save.



5. Click the "Job" icon to add a PNG format image.

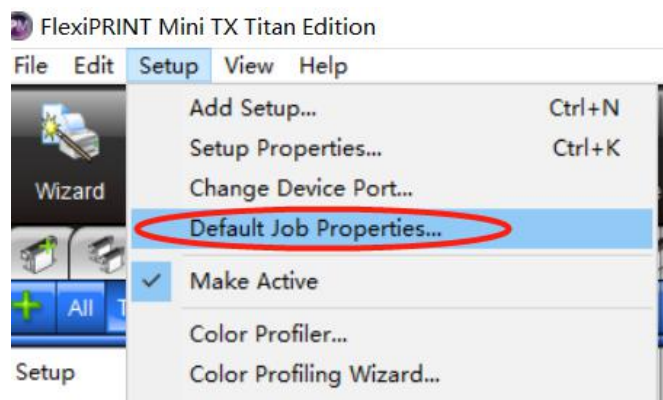
6. After adding the file, click "Send" directly, and the generated print file will be automatically filled with the white spot color channel. The print control software can print directly.

# white ink color spot creation manual (V2.0)

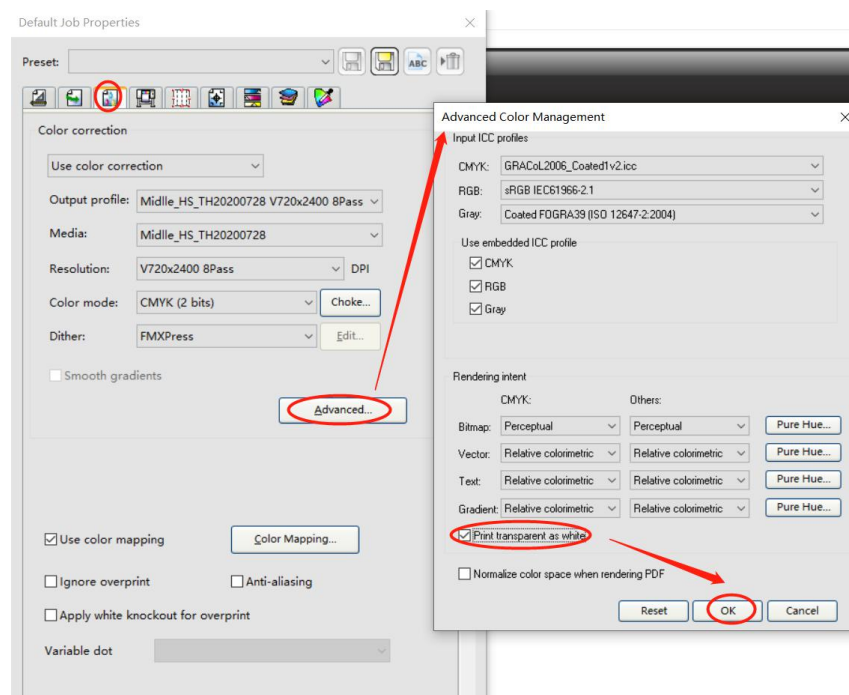
**Method 2: White ink** According to the color of the image, there is more white ink in light colors and less white ink in dark colors.

1. Export pictures in PNG format through picture editing software, such as CDR, AI, PS. Modify the image width and height according to your needs, the recommended export resolution is: 360 pixels/inch. (image requirements: no printing part is required, keep it as transparent bottom, do not have any background)

2. Open FlexiPRINT (PP), open the menu "Setup" - "Default Job Properties"

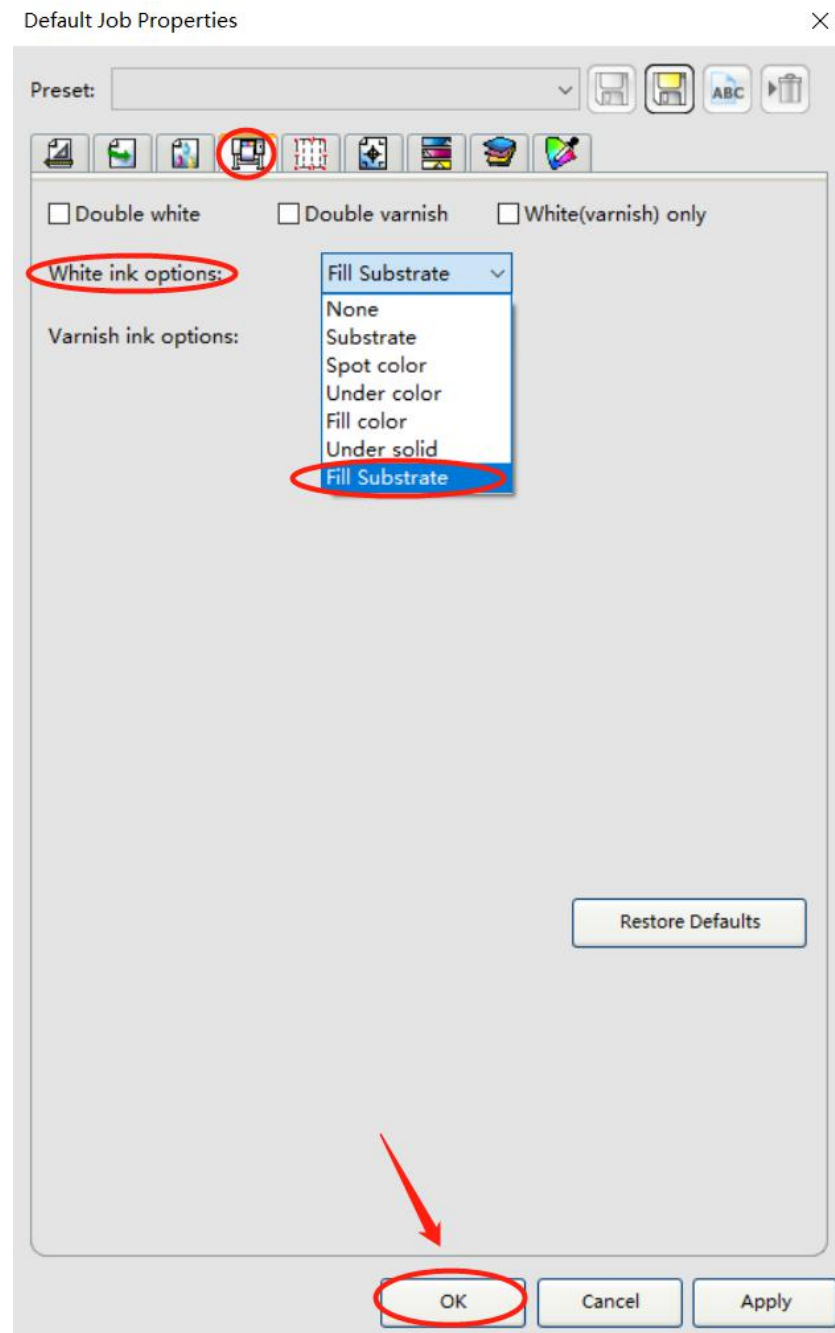


3. In the "Color Management" window, open the "Advanced" option, check the "Print transparent as white" in it, and then "OK" to save.



## white ink color spot creation manual (V2.0)

4. In the "Printer Options" window, the setting in the white ink options is changed to "Fill Substrate", and finally "OK" to save.



5. Click the "Job" icon to add a PNG format image.

6. After adding the file, click "Send" directly, and the generated print file will be automatically filled with the white spot color channel. The print control software can print directly.