

TXC TECH

WALL PRINTER MANUAL



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Introduction

Important Safety Instruction

Read all of these instructions before using the printer. Also be sure to follow all warnings and instructions marked on the printer.

When Choosing a place for this product

- Avoid places subject to rapid changes in temperature and humidity. Also keep it away from direct sunlight, strong light, or heat sources.
- Avoid places subject to shocks and vibrations.
- Keep this product away from dusty areas.
- Avoid places subject to rapid changes in temperature and humidity. Also keep it away from direct sunlight, strong light, or heat sources.
- When storing or transporting the printer, do not tilt it, stand it on its side, or turn it upside down. Otherwise, ink may leak from the cartridges.

When setting up this product

- Connect all equipment to properly grounded power outlets.
- This product's power cord is for use with this product only. Use with other equipment may result in fire or electric shock.
- Keep the entire computer system away from potential sources of electromagnetic interference, such as loudspeakers or the base units of cordless telephones.
- Use only the type of power source indicated on the product's label.
- Use only the power cord that comes with this product. Use of another cord may result in fire or electric shock.
- Do not use a damaged or frayed power cord.
- If you use an extension cord with this product, make sure the total ampere rating of the devices plugged into the extension cord does not exceed the cord's ampere rating. Also, make sure the total ampere rating of all devices plugged into the wall outlet does not exceed the wall outlet's ampere rating.
- Do not attempt to service this product yourself.
- If you plan to use the printer in Germany, observe the following:

To provide adequate short-circuit protection and over-current protection for this printer, the building installation must be protected by a 16 or 25amp circuit breaker.

- If damage occurs to the plug, replace the cord set or consult a qualified electrician. If there are fuses in the plug, make sure you replace them with fuses of the correct size and rating.
- When connecting the printer to a computer or other device with a cable, ensure the correct orientation of the connectors. Each connector has only one correct orientation.

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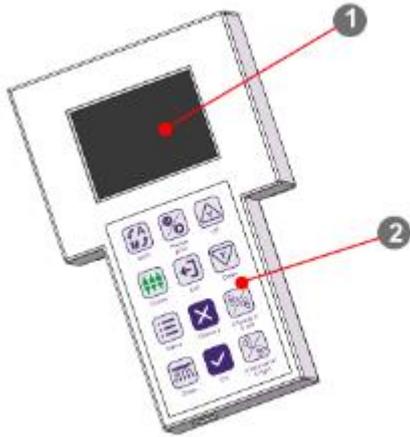
Inserting a connector in the wrong orientation may damage both devices connected by the cable

When using this product

- Don't put your hand inside this product or touch any moving parts including motors, timing belts, wheels, gears, rack, rails.
- Don't forcedly push the various parts of this product when it is powered on.
- Always turn the product off using the Emergency button on the left side of it.
- It is absolutely forbidden to stand under the printing head or close to the movement track of this product.

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Control Panel



- A Screen interface
- B Button panel

Control panel button explanation

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A Auto/Manual Shift button

In online/offline state: press this button to switch between automatic and manual mode of Z axis

Z-axis automatic mode: "*" is displayed in the middle of the screen interface, and the Z-axis will automatically move up and down to maintain the set distance by detecting the feedback distance through the ultrasonic sensor;

Z-axis manual mode: "-" is displayed in the middle of the screen interface, the ultrasonic sensor is invalid at this time, and the Z-axis maintains a fixed distance manually set.

B Pause/print button

During printing, press this button to pause the current print task, and the display interface shows pause; press this button in the paused state to continue the print task.

C Y Up button

Offline state: press this button to move the carriage upwards; it can be used to set the printing start position.

D Online/offline button

1. In the "Main Menu" interface, press this button to quickly enter the "Online" mode, at this time you can perform printing operations through the computer;
2. In the "online" interface, press this button to enter the "offline" mode, and you can move

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the X/Y axis position.

E Exit button

Press this button to exit the current operation and return to the previous menu

F Y Down button

Offline state: press this button to move the carriage down; it can be used to set the printing start position.

G; Menu button

Press this button, the system will enter the menu mode, the user can operate the machine according to the contents of the menu

H Remove button

In the current print job "pause" state, press this button to cancel the current print job.

I Z forward/X left button

In the online state: Press this button to move the Z axis forward (decrease the distance to the wall); in the offline state: press this button to move the X axis to the left (the opposite direction of the printing step);

J Clean button

Pressing this button in the "pause state" is the "quick cleaning key"; **Note:** This function is not available currently.

In the "Main Menu" interface, this button is the shortcut key for "Check the nozzle status";

K OK button (Confirm button)

Press this button to execute the current operation

M Z backward/X right button

In the online state: Press this button to move the Z axis backward (increasing the distance from the wall); in the offline state: press this button to move the X axis to the right (direction of printing step);

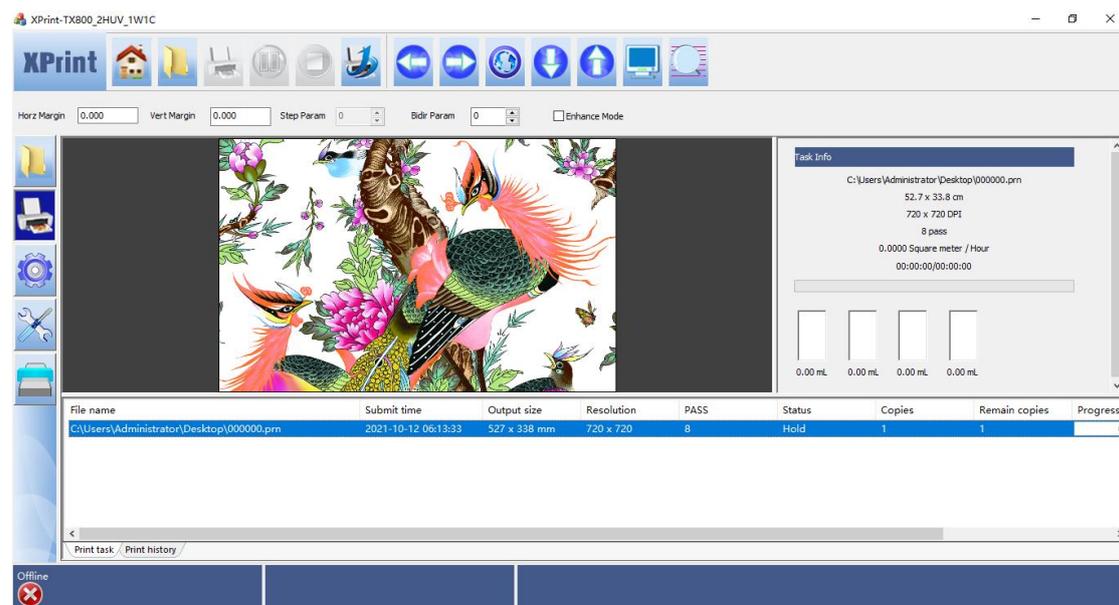
Software instructions

Summary of the XPrint software

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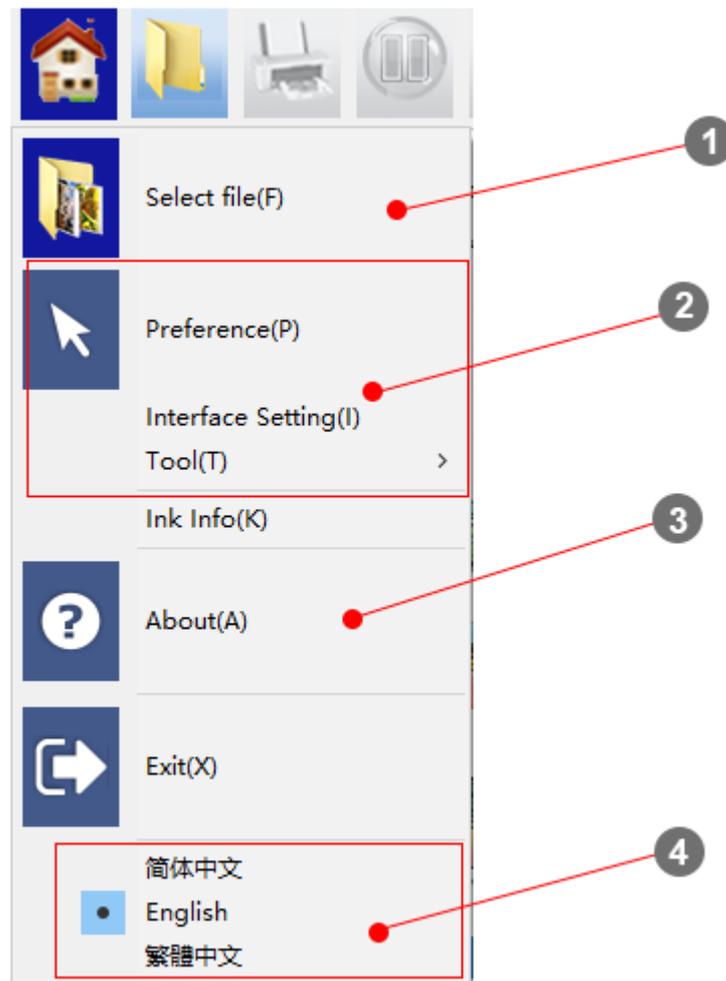
- Output control software, support direct output of PRN, PRT files and output through the local 127.0.0.1 port;
- Support horizontal and vertical positioning of white border settings;
- Support step, two-way real-time fine-tuning;
- Support USB resumable transmission; (automatically connect after the USB data connection is disconnected, and query the integrity of the data)
- Support 150 raster mode printing; (need to adjust the software configuration)
- Support real-time preview of network port tasks;
- Supports generating preview images and calculating ink volume (affects preview speed);
- Support network port tasks to calculate the ink volume in real time;
- Support automatic printing function, multi-task printing function, multi-copy printing function, multi-frame splicing printing function, area interception printing function;
- Support the calculation of real-time speed and time of printing tasks.

Software main interface



Menu bar introduction

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A **Select file** Select printing files.

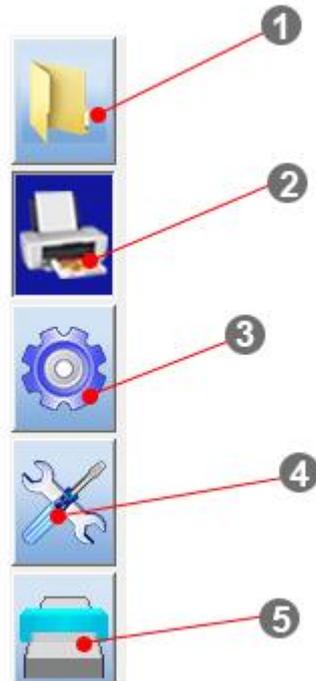
B **Preference item** Keep the settings as the default, usually do not need to change.

C **About** Version information

D **Language selection** Chinese and English interface can be switched

Introduction to Shortcut Toolbar

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A Task Select

Through this button, you can quickly reach the file that needs to be printed in the computer

B Print control

Click this button to see the picture preview and the related information of the print task.

C Parameter settings

Use this button to enter the basic setting and advance interface.

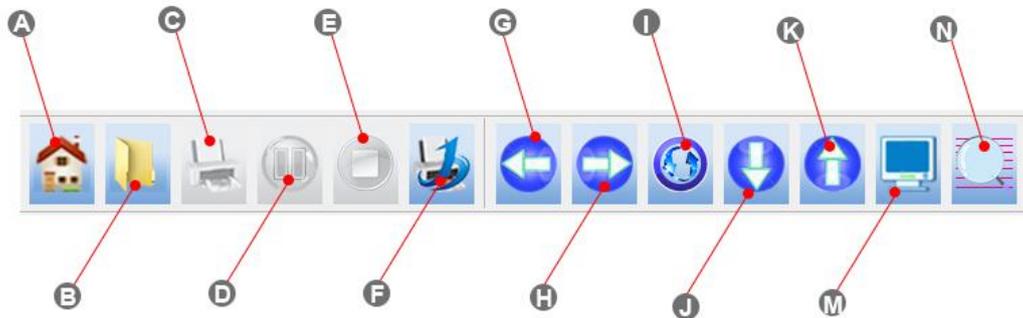
D Device maintain

Use this button to enter the calibration setting interface.

E UV print

Use this button to enter the color, multiplayer and platform control interfaces.

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A Main Menu-Preferences

B Select image

Select image print file

C Start print

After selecting the print job, click this button to start printing.

D Pause print

Pause current print task button

E Stop print

Stop the current print job

F Auto print

G Move up

After clicking this button, the carriage will move up, and clicking this button again will stop it moving.

H Move down

After clicking this button, the carriage will move down, and clicking this button again will stop it moving.

I Stop motion

When the carriage moves up and down or the machine moves left and right, click this button to stop moving.

J Move left

Click this button in the offline state, the machine will move to the left, click this button again to stop moving.

K Move right

Click this button in the offline state, the machine will move to the right, click this button again to stop moving.

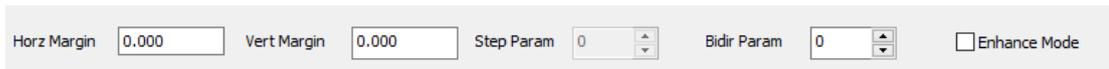
M Return origin

Online/Offline button

N Test Nozzle

Click this button to print the nozzle check pattern to see the print head status.

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Horz Margin

During online printing, the set distance between the carriage and the Y origin starts to print, and the value cannot be a negative number. The origin of the Y direction is set through the control panel, and the position of the origin is not fixed. In the offline state, the carriage stops at a certain position as the origin.

Vert Margin

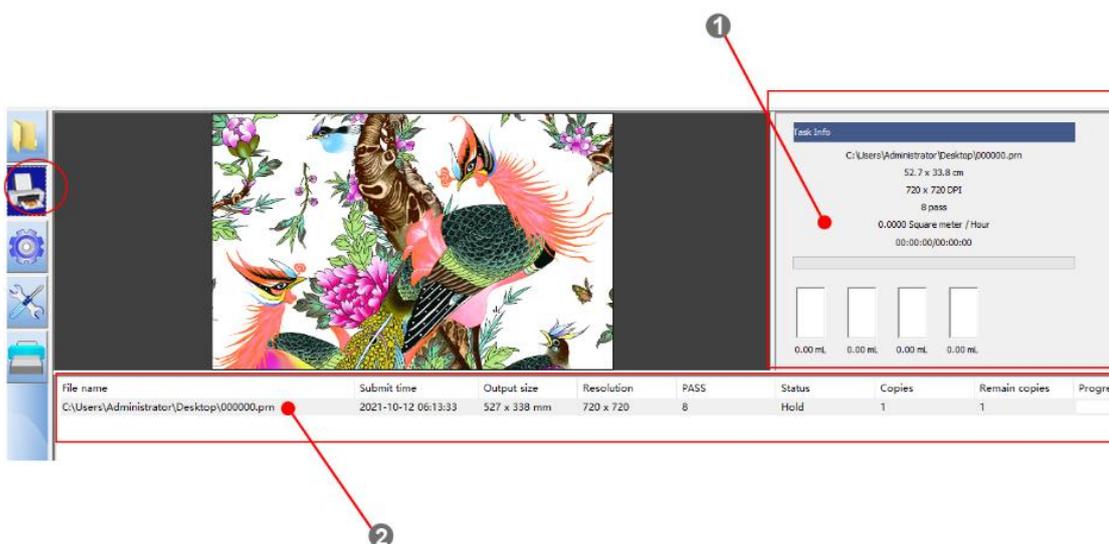
The X direction starting edge of online printing, this value cannot be a negative number (mm).

Step Param/Bdir Param

There may be slight deviations between the output accuracy of the printer and the calibration parameters in the actual printing process due to the influence of many factors. The user can adjust the paper stepping and bidirectional scanning parameters in real time according to the screen conditions to achieve the best printing effect.

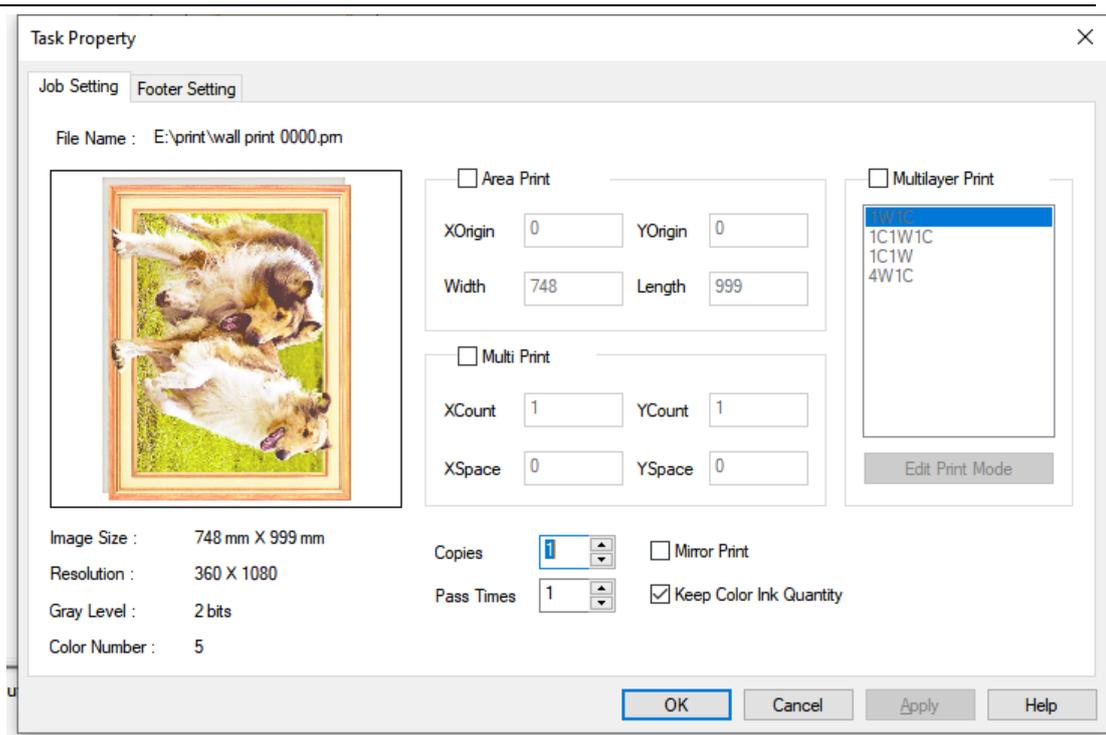
Note: The name in the software is inconsistent with the actual direction, and the function described in the manual shall prevail.

Task information bar



A The size of the printed picture, printing accuracy, and ink consumption are displayed here.
B Display print job list

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Tip: Double click the job, you can enter this interface. You can set the printing of multiple same images in Y direction and X direction here. Please remember that X mentioned here is actual Y direction, and Y mentioned here is actual X direction.

Introducing the Supplied Software

Software name	Summary
Printer driver	It is an indispensable program for connecting a computer and a printer, and supports win7 and win10 systems. But before installing the driver in the win10 system, the windows digital driver signature function must be disabled. Please refer to the menu "How to disable Windows driver signature" or video.
XPrint software	It is the most important control software for the printer, and daily printing operations are completed here.
Maintop RIP	Maintop not only can perform typesetting, but also has excellent color control and restoration.
MainTop printer driver	TXC color engineers use high-precision instruments to fine-tune colors using technological methods to obtain brilliant colors.

The above software has been installed in the computer, and the user can use it directly.

Photoshop is usually used to process images, and it is also used to create UV white channel software. Users need to prepare a set of Photoshop of any version and install it on your

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computer.

Maintop Instruction



Installation of MainTop RIP

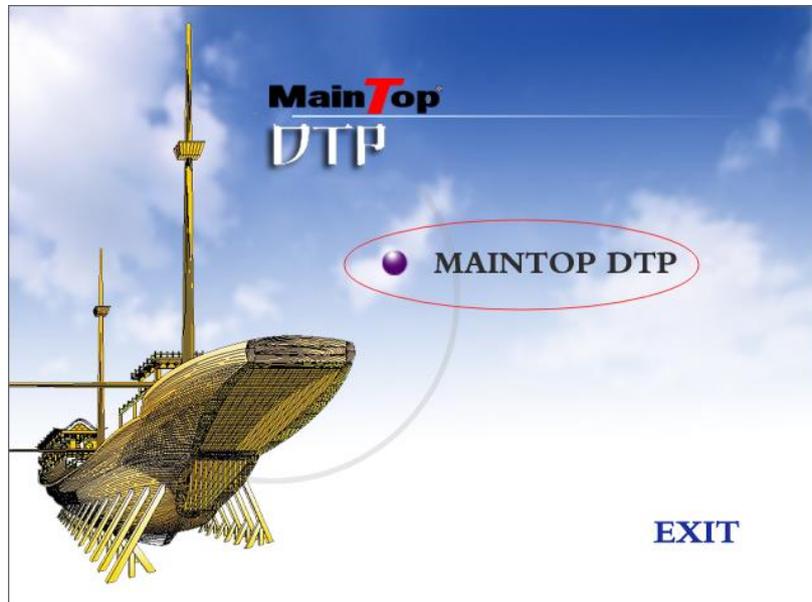


A Maintop dongle

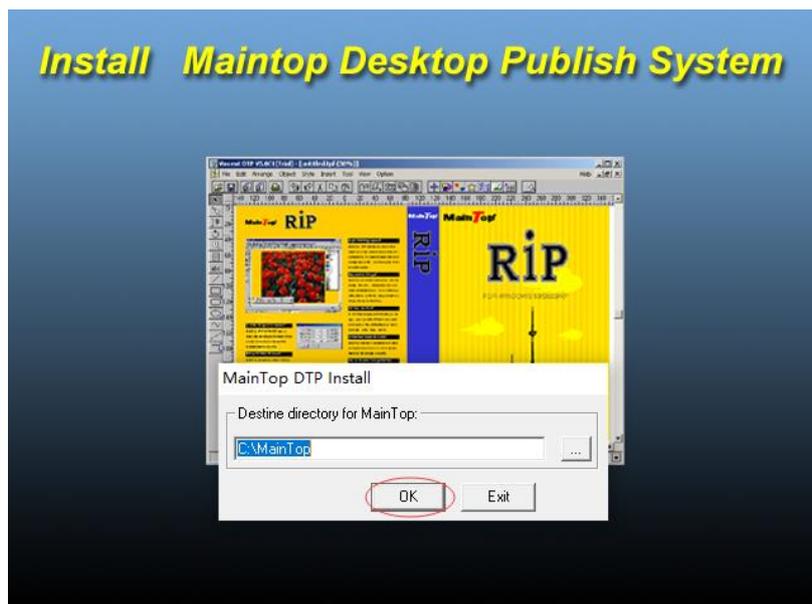
Install MainTop before Connecting the dongle.

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Insert the USB dongle into one free USB port. Windows will install the related driver automatically.



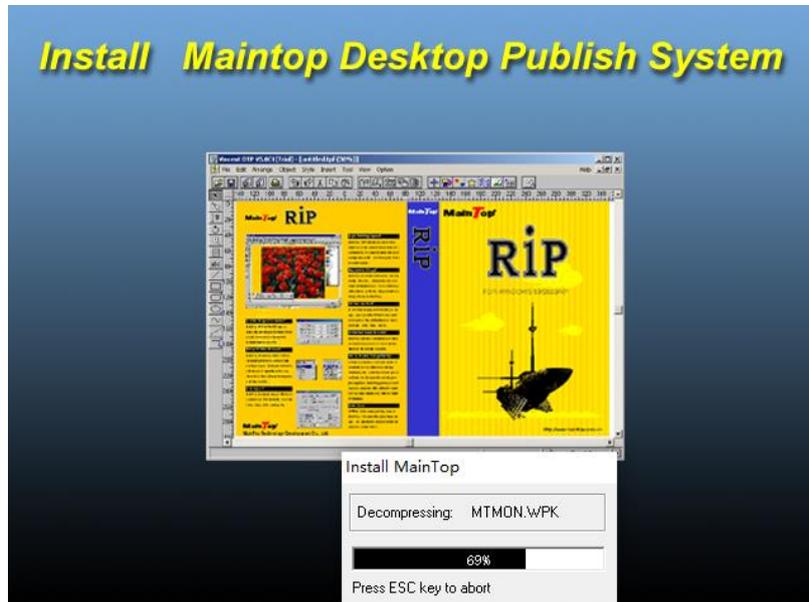
A Select "MAINTOP DTP ", the following picture appears.



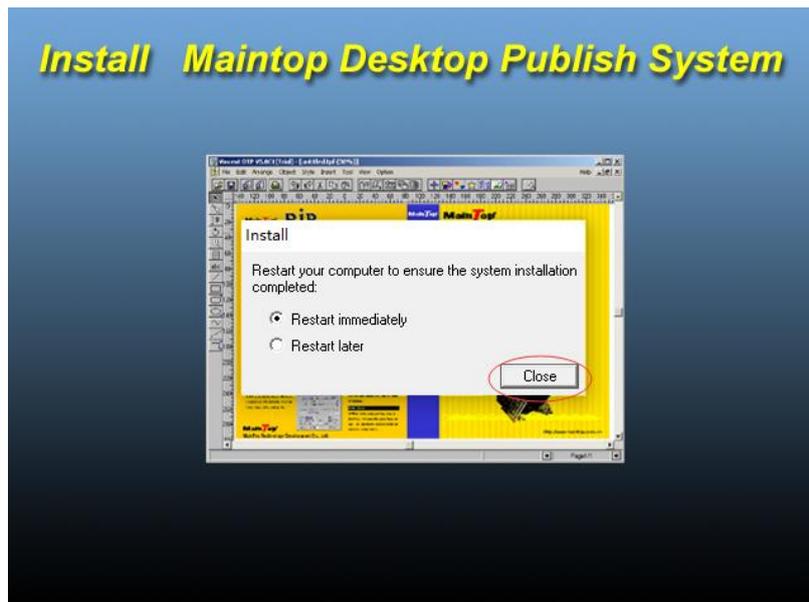
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B Choose installation directory then click OK.

Install Maintop Desktop Publish System



Install Maintop Desktop Publish System

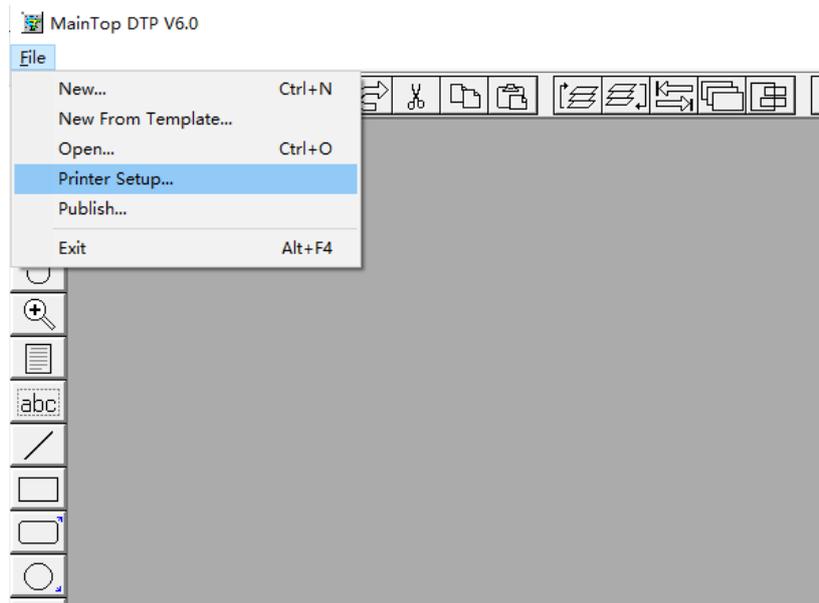


After the software is successfully installed, a shortcut icon will appear on the desktop, and it

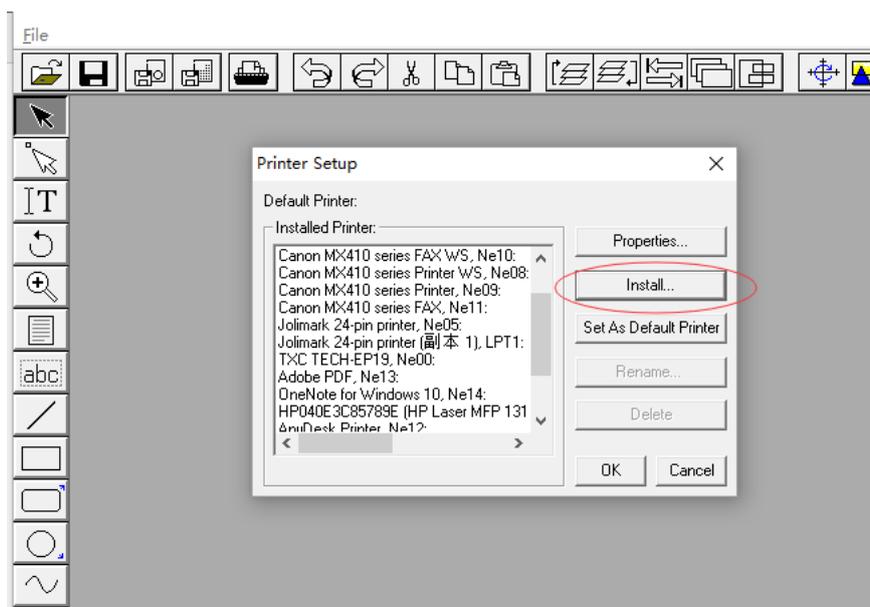
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will also appear in the windows start menu.

Installation of MainTop printer

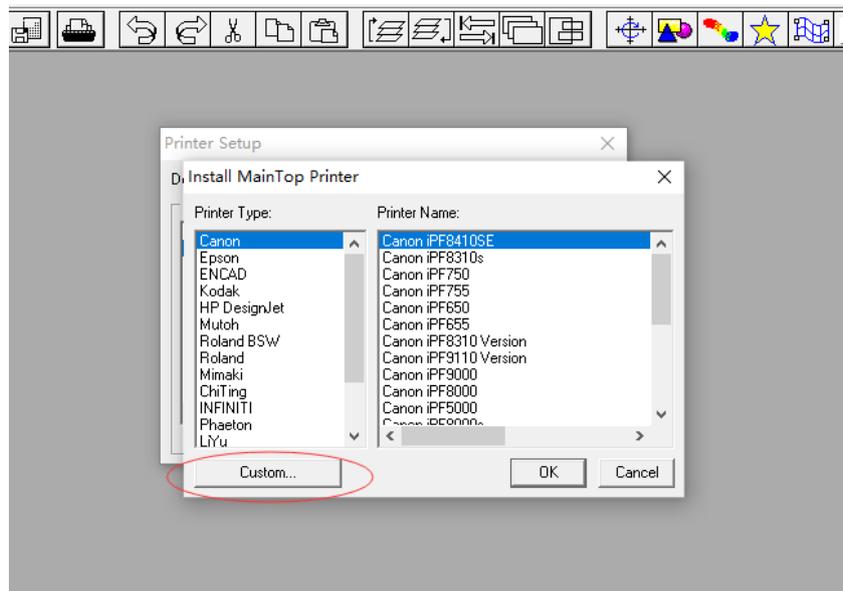


A Enter Main Top, select **Printer Setup** from File.

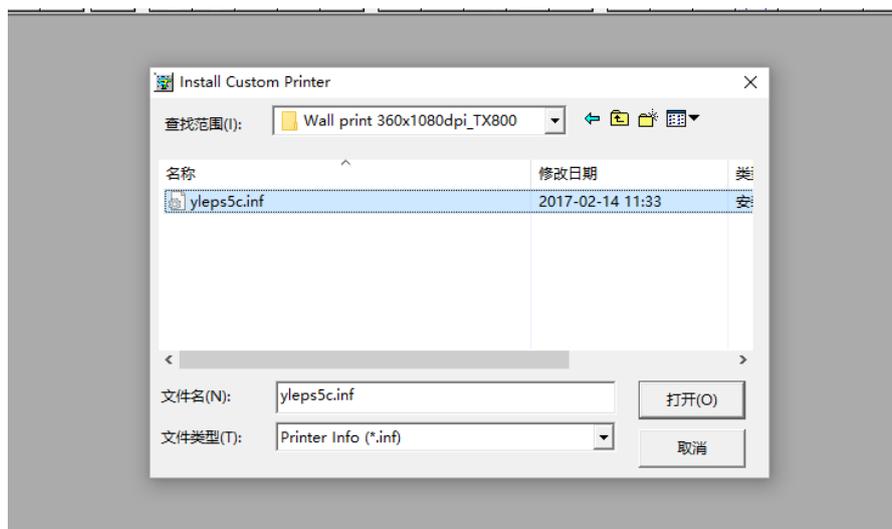


B. Select **Install** and the following dialogue box appears.

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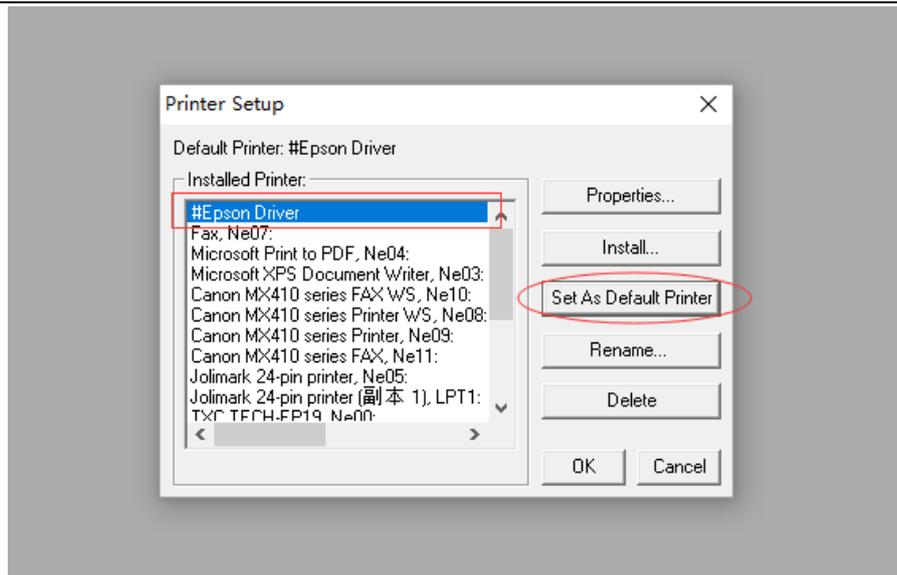


C Click **Custom** button to enter the next interface.



D Select Maintop the printer driver and click Open.

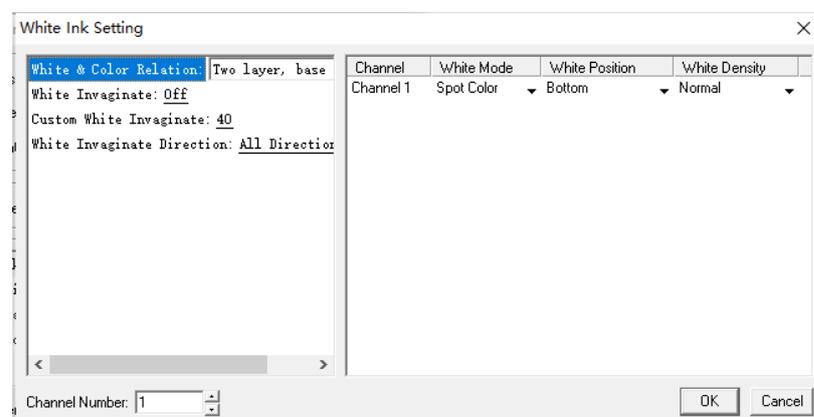
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E #Epson Driver appears there, Click **Set As Default Printer** then click **OK**.

Maintop White ink setting

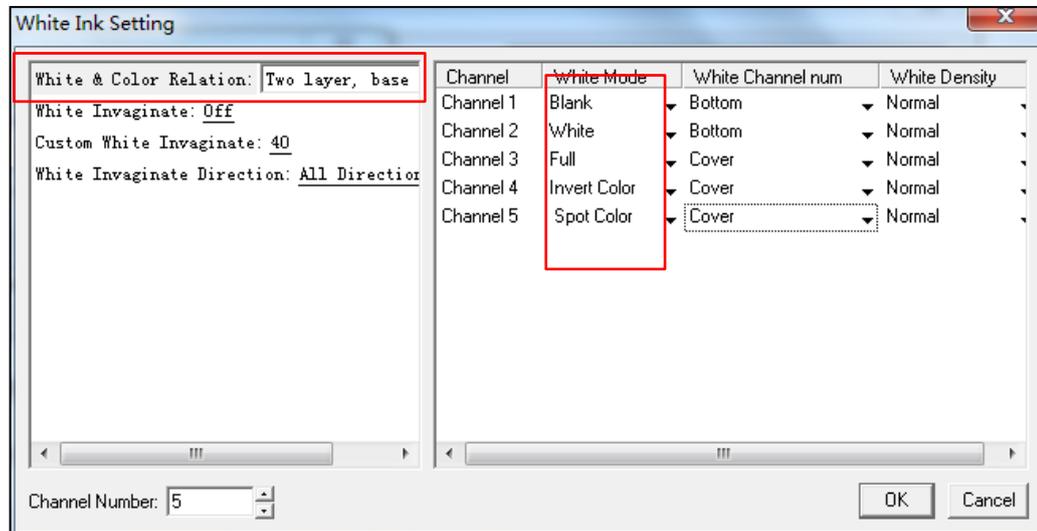
- Currently supports white ink, varnish, color three-layer printing. All spot color settings are done in the "White Ink Settings".
- White only: only white ink output
- Two layer, base white: color ink and white ink or varnish output all



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White ink setting-output mode

There are five options in the drop-down menu about white mode.



- Blank: this channel output nothing
- White: only the color ink position output white ink or varnish
- Full: The canvas is covered with white ink or varnish
- Invert color: the opposite of “white” mode, the position with no color ink output white ink or varnish
- Spot color: only the spot color channel position set in PS output white ink or varnish

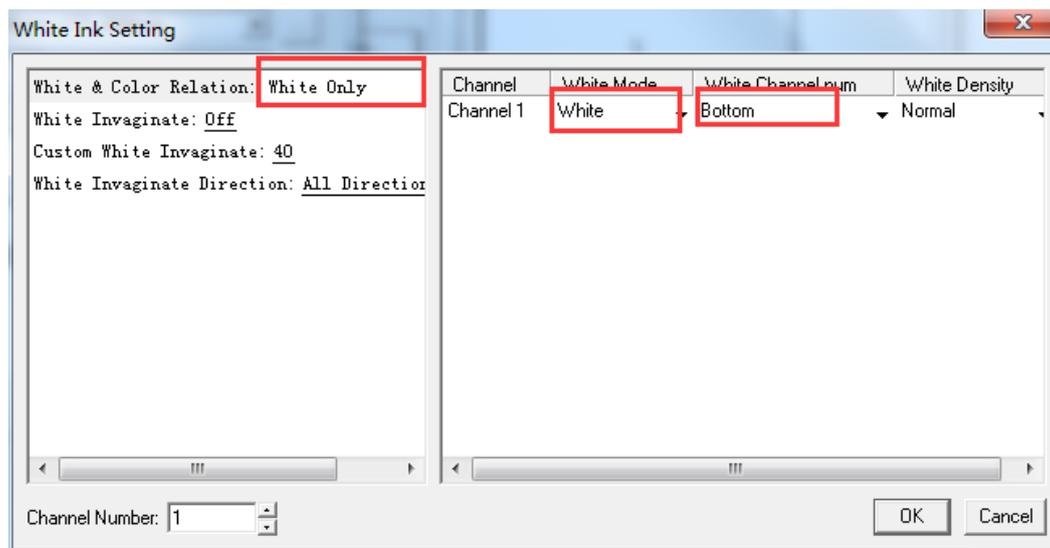
Note: the “channel” value setting order is consistent with the photo spot color channel in Photoshop, such as “channel 1” corresponds to “W1” in Photoshop, and so on.

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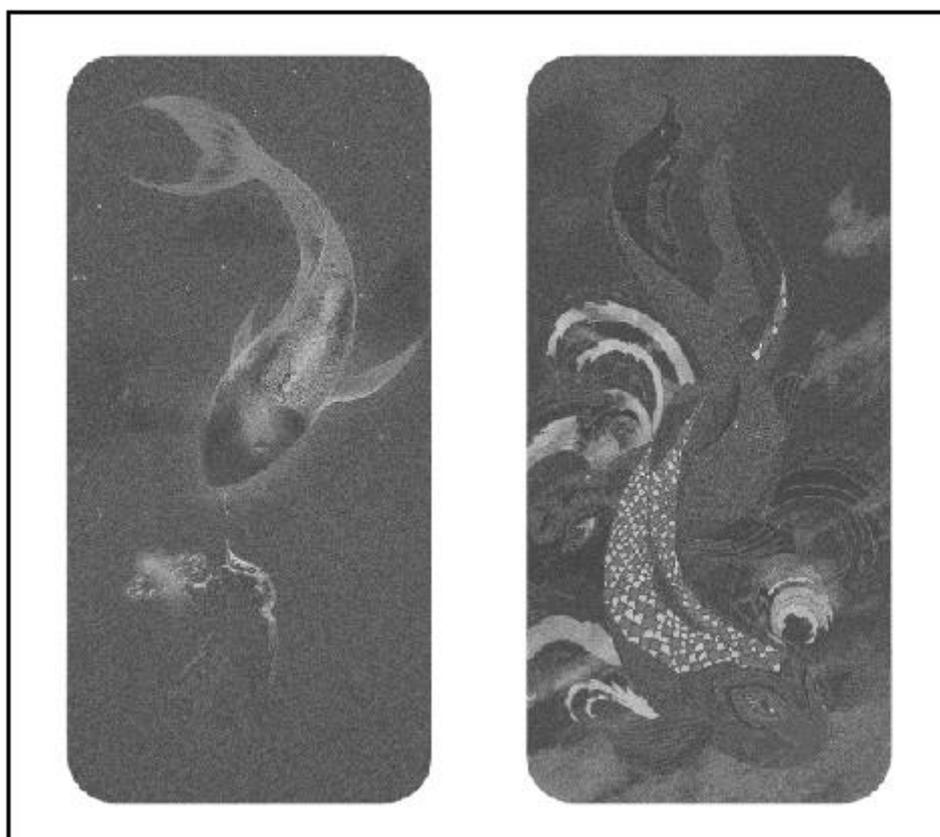


original image

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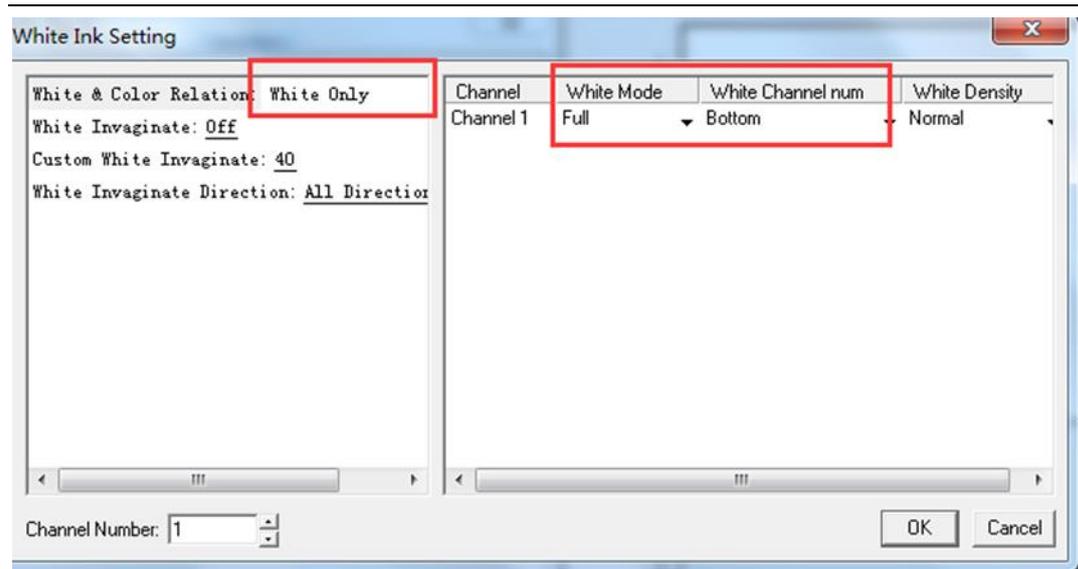


White Ink Setting

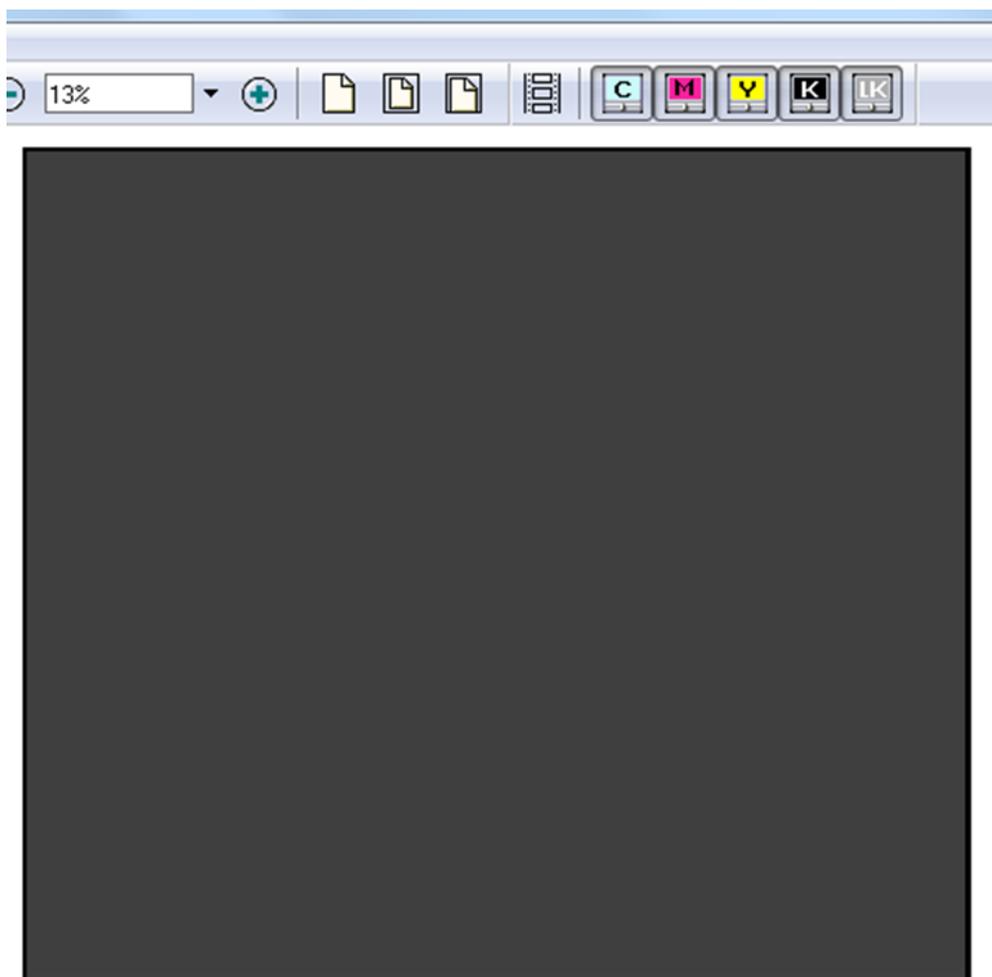


"White" Preview effect

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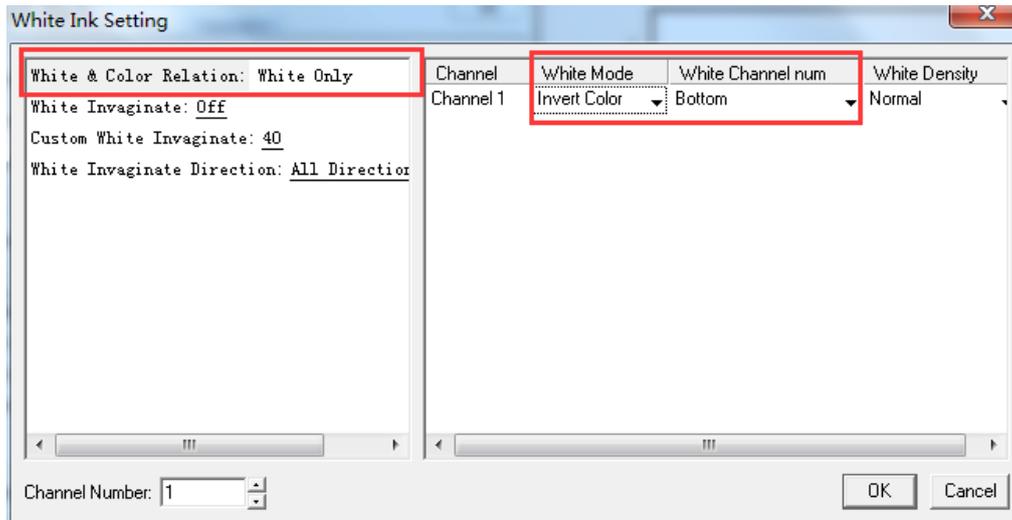


White ink setting

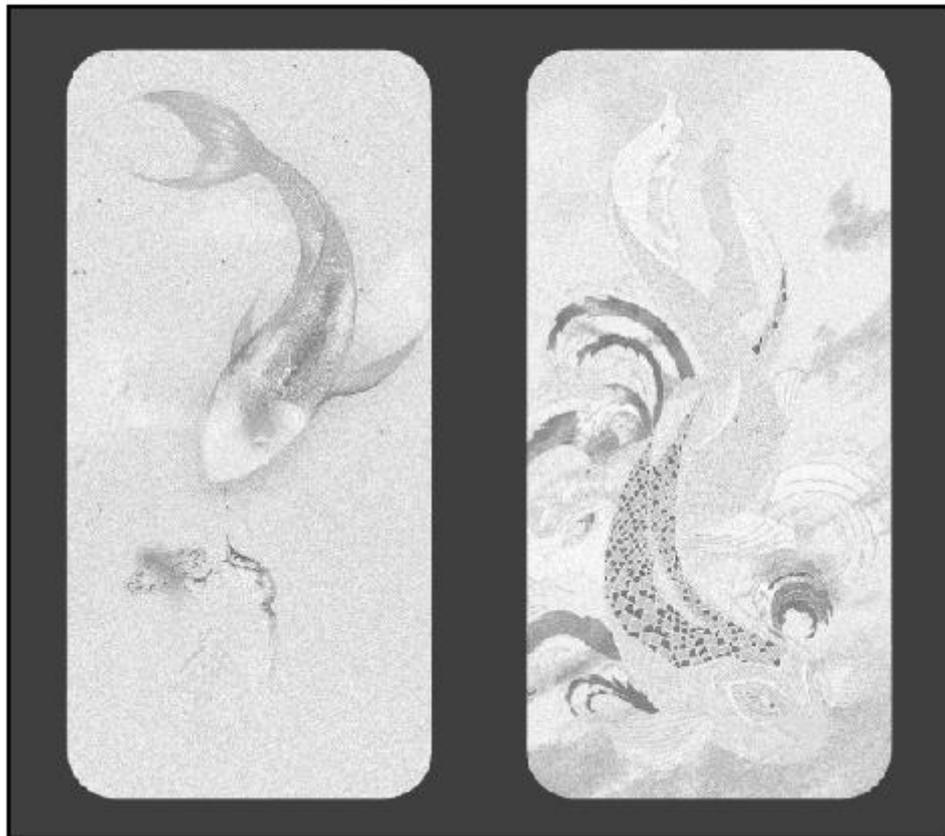


"Full" Preview effect

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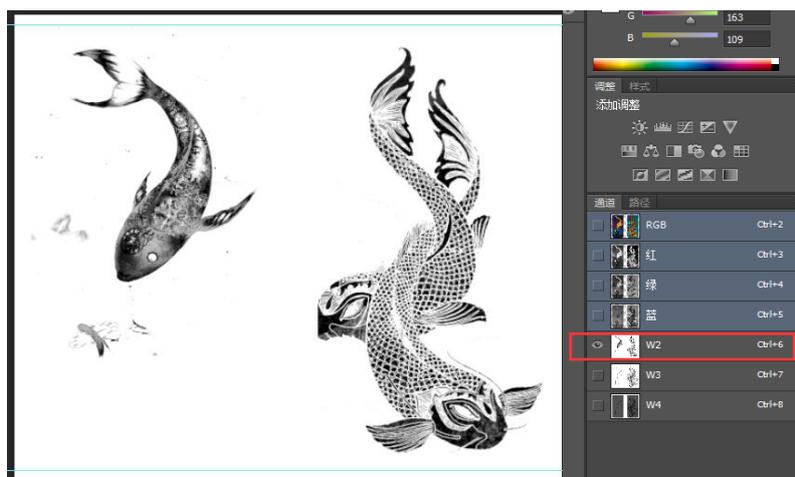


White ink Setting

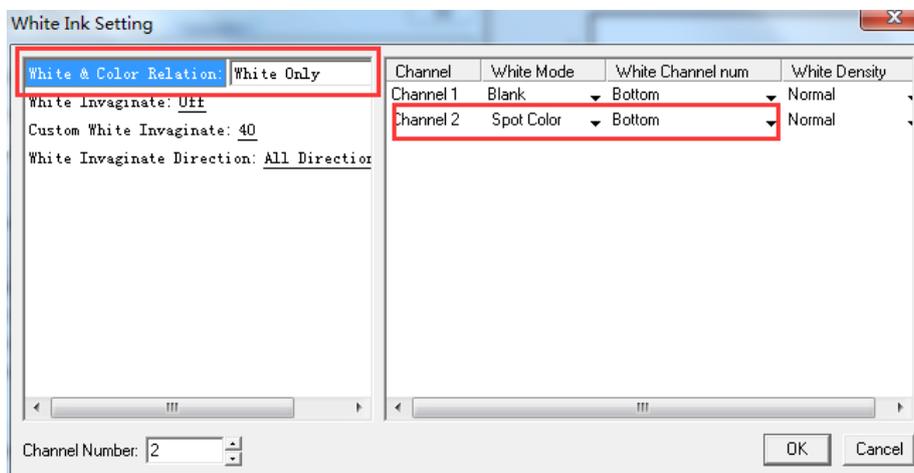


"Invert color" Preview effect

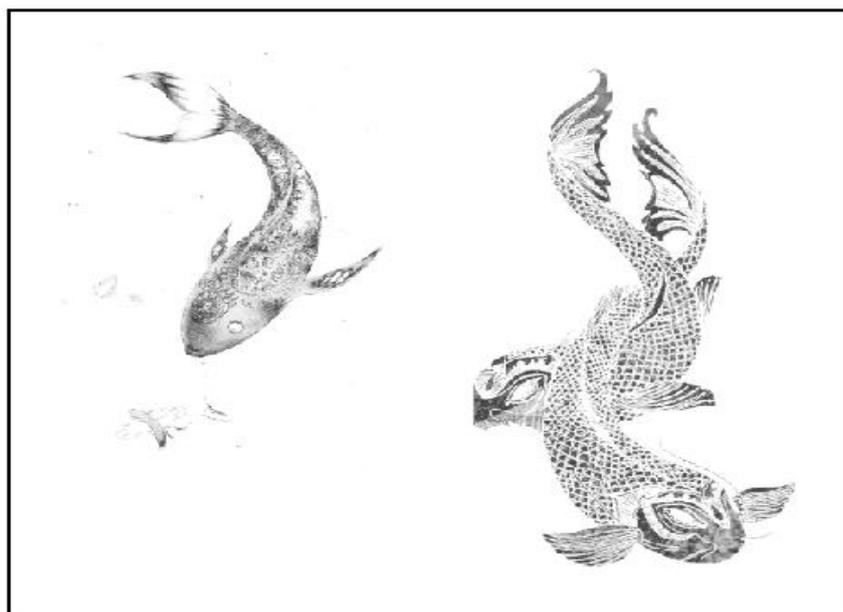
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Spot "W2" in Photoshop



White Ink setting



"Channel 2" "Spot color" preview effect

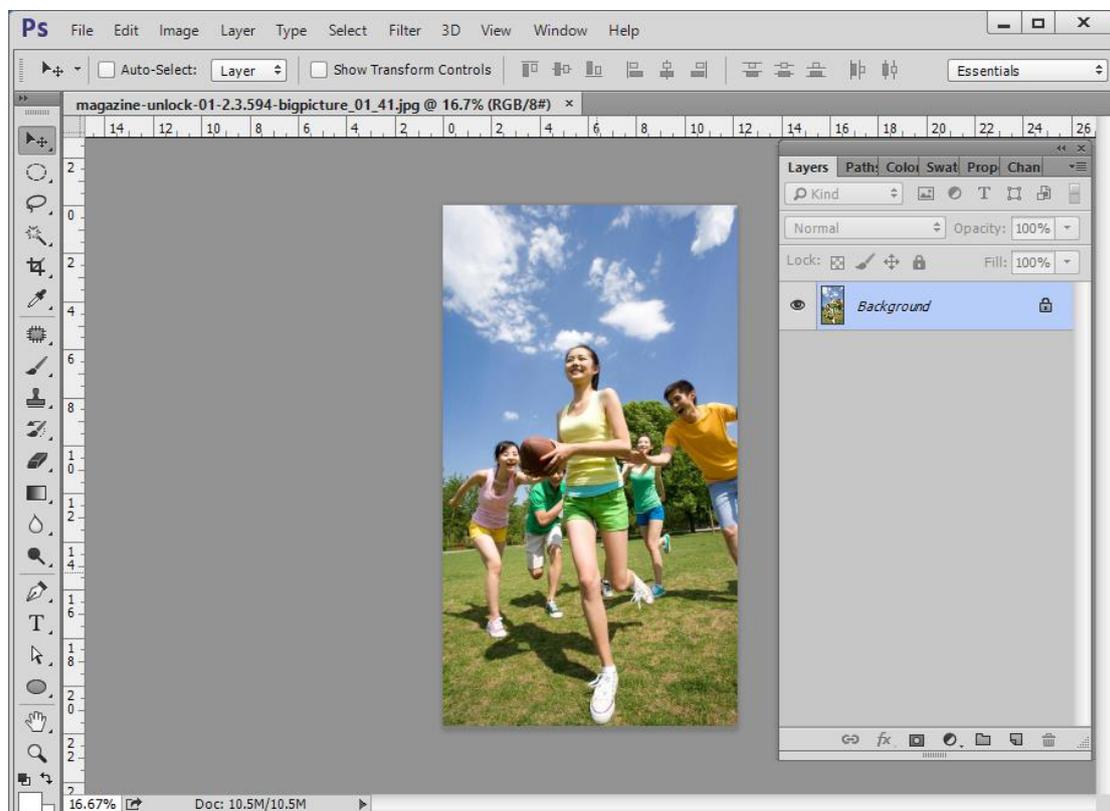
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Use of Photoshop software

Photoshop is a photo-editing software. It is a popular image changing software package. Photoshop is very powerful in processing images and designs. Usually, we just use it to modify the size of the picture and create a white spot color channel. For photoshop other functions and techniques, please refer to related books, here we only talk about how to create a spot color from a picture.

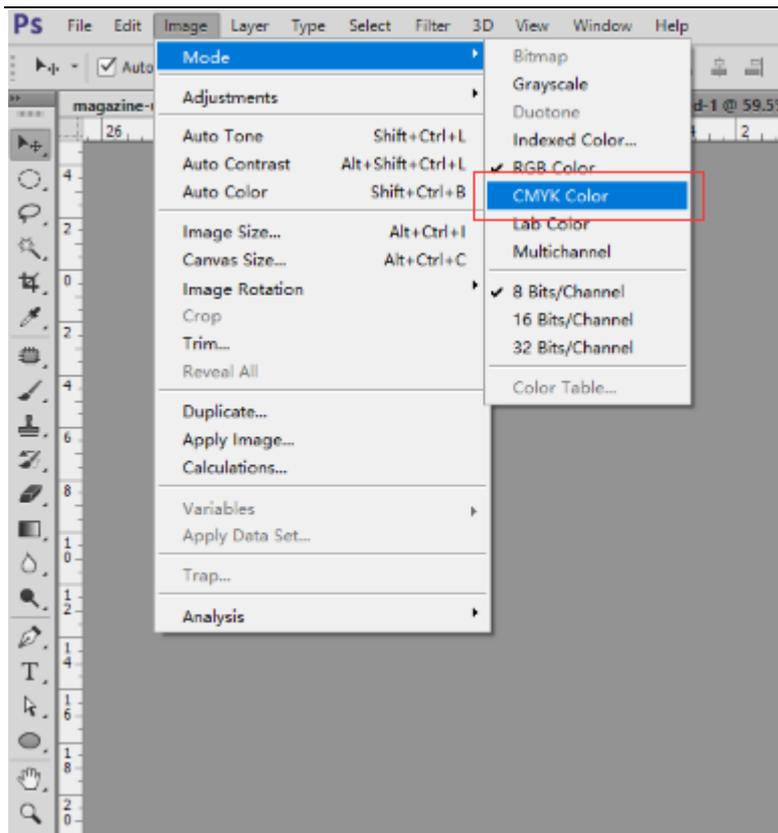
How to create a spot in Photoshop?

Note: Selecting the area of the picture you want to print white ink is an important step.

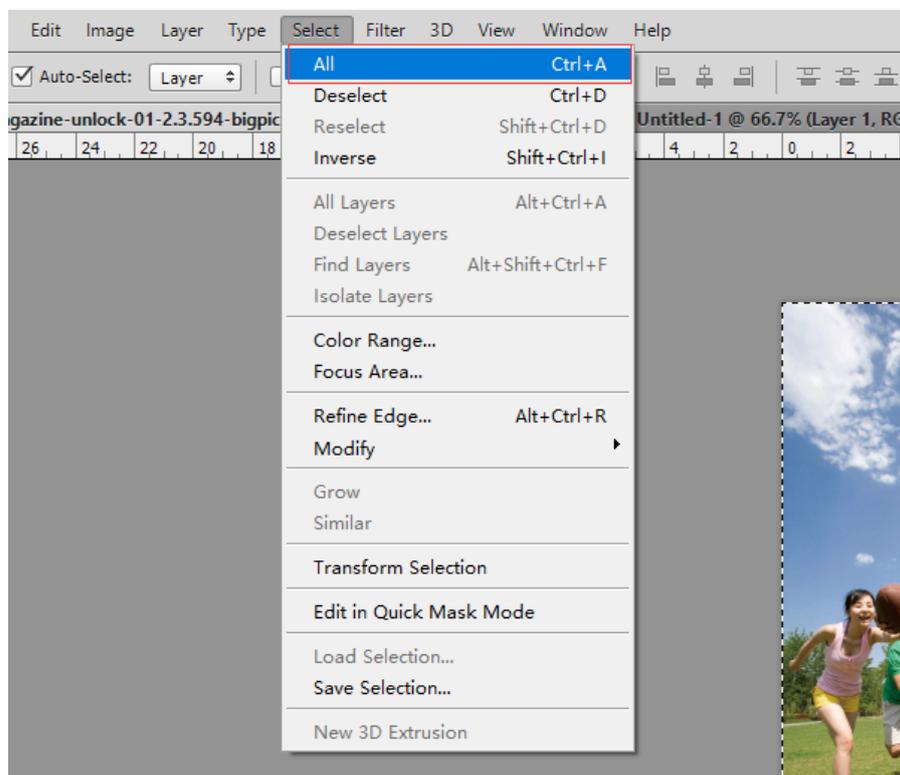


A Open one image.

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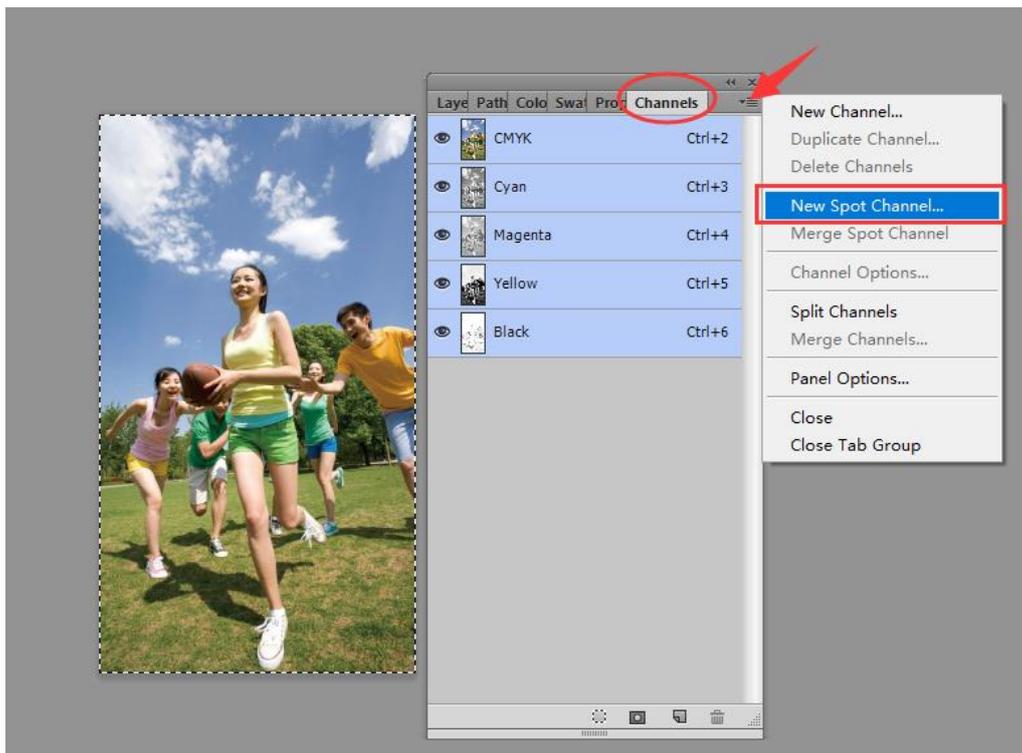


B Go to **Image-->mode**, select **CMYK Color**. RGB is the color displayed by the monitor, and CMYK is the color for printing.

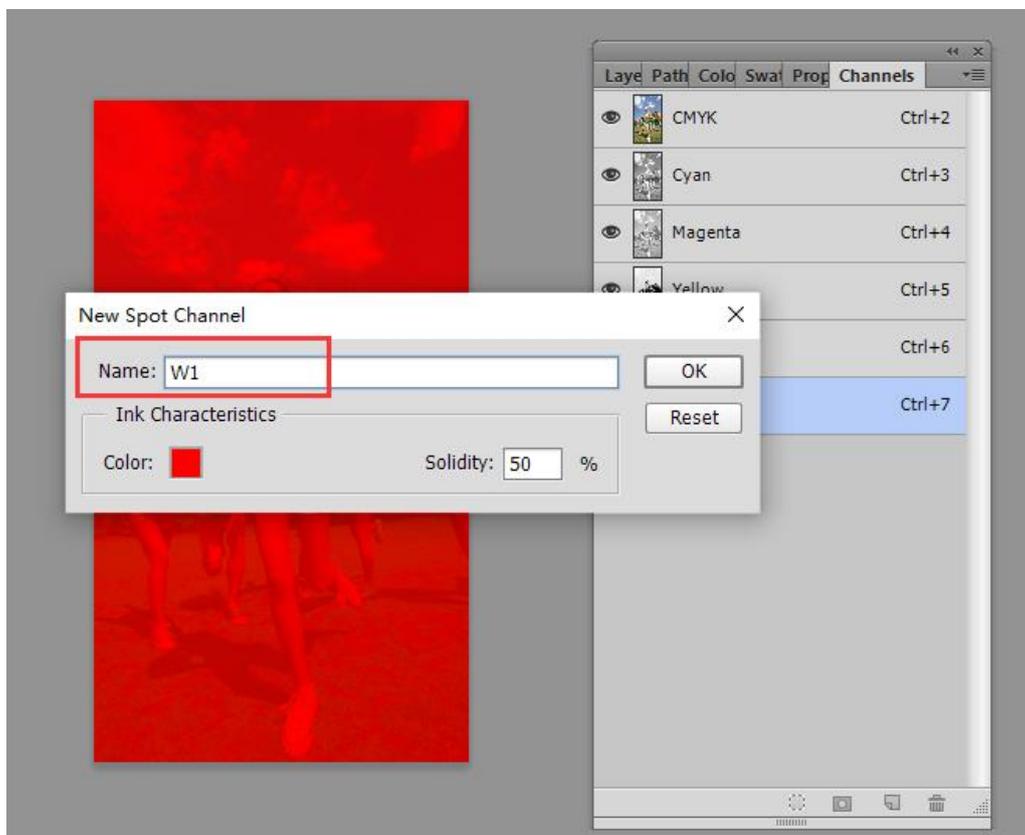


C Go to **Select---All**

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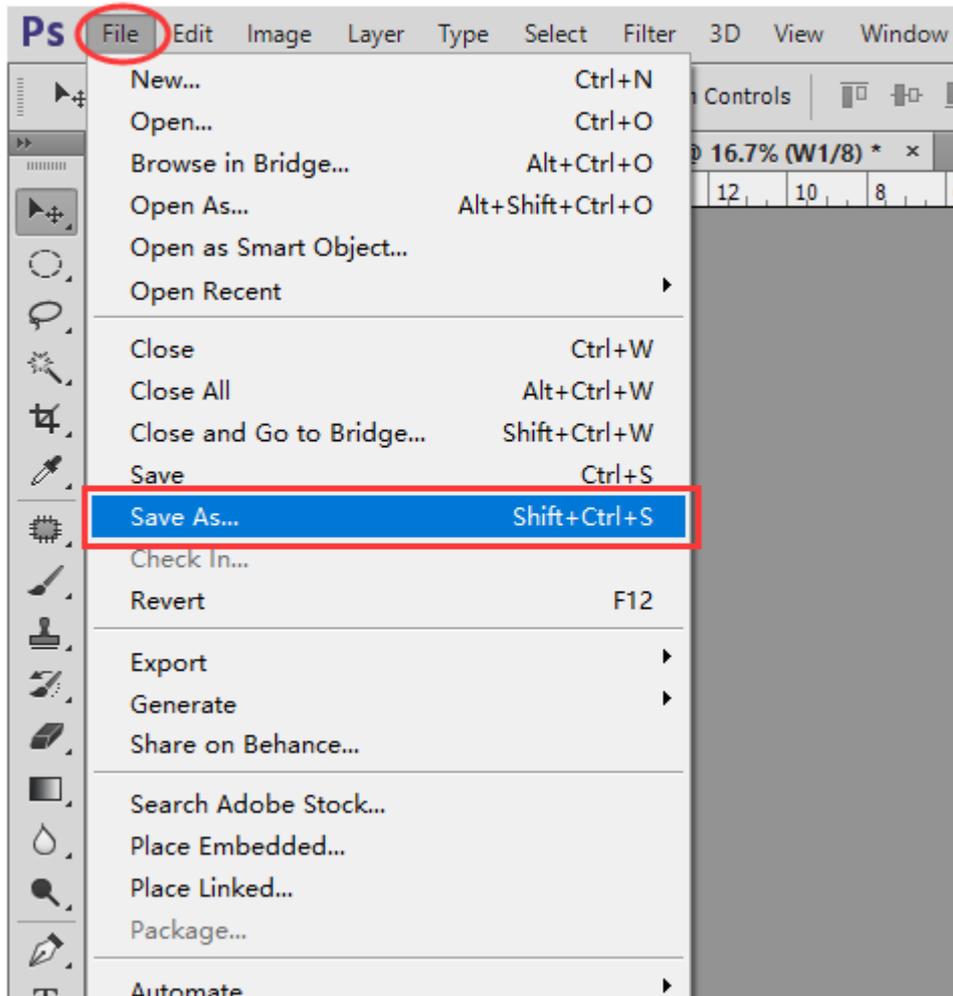


D Go to **Channel** then select **New Spot Channel**.



E Give it a name **W1**, then click **OK**.

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F Save the image as a TIF format file.