

# How to create "Flip and Spin" (version 2)

## HTML Text TITLE EFFECTS in Shotcut.

### WHAT is the Flip and Spin text effect?

This is a text animation tool . Choose text of your choice and make it “flip” and “spin” in one of 23 styles of text animation. Here’s a chart showing all the 23 styles.

<b>Flip-Spin ANIMATION NUMBER</b>	<b>Name</b>
1	DNA Twister
2	Gunfire with wave
3	Dreamy wave
4	Spinning letters UP - fast
5	Spinning letters vertical DOUBLE SPIN
6	Spinning letters vertical SWING
7	Twist and turn
8	Twist and back-flip
9	Upturn
10	Fast spin
11	Flicker
12	Unfolding spin 01 - reverse
13	Unfolding spin 02 - full turn
14	Spin out and in
15	Just fade-in
16	Pushing along HORIZONTAL
17	Pushing along DIAGONAL
18	Drop down smoothly
19	Drop down FAST and bounce back
20	Drop down FAST and stay
21	Just ZOOM in
22	Bouncy wave
23	Cheeky bounce

**READ ON for complete instructions so you can easily create your own Flip and spin animated text titles!**

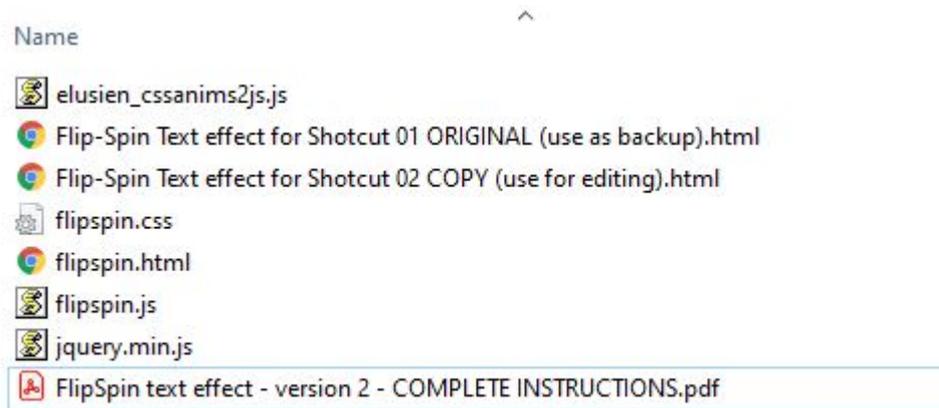
# COMPLETE INSTRUCTIONS FOR USE

1. Download and unzip the zip file.

Suggestion - copy the entire folder, save it with a unique name and keep the original as a backup.

3. Put it somewhere handy, such as the desktop. This is so you can easily locate it.

The contents of the unzipped folder will look like this:



4. The two .HTML files are identical, apart from their file-names. As their names suggest, keep file 01 as a backup (in case you need to revert back to the original after making edits to file 02 and something goes wrong), and do your editing with file 02.

5. Choose file 02 - “Flip-Spin text effect for Shotcut 02 COPY (use for editing)”. DO NOT change its location - ie keep it in the folder with all the other files.

6. There’s no need to open Shotcut at this stage. Double-click on the file. Your browser (eg Chrome, Edge etc) will open and the animation will play. It will have a solid purple background. Wait for one second and you will see animated white text.

7. The HTML file is set to ARIAL (a common font, installed on most computers). It’s set at a size of 100 pixels and has white colour. Let’s see how to change this.

8. Edit the HTML file in a text or HTML editor, such as Notepad, Notepad++, Wordpad, Word etc. To do this,

Right-click the file, select “Open with” and select one of the above programs. Note : I like using Notepad++ set to a dark theme (instructions are available online showing how to do this)

After “VARIABLES - CHANGE THESE VALUES IF REQUIRED” there are things that can be changed.

For example, change “arial to “verdana”, “100px” to “130px” and “white” to “yellow”.

SAVE the HTML file. Make sure it still has the .HTML extension (not .TXT).

# HOW TO CHANGE THE FONT TO ANY FONT ON YOUR COMPUTER

Suggestion: Download and run a free program called "Print My Fonts". It will detect all fonts installed on your computer. You will see a screen similar to this:



(the text "All installed fonts" can be changed to show any text of your choice by changing it in the "Which text should be written" field over on the right).

If you type the small name under the font (eg "ar berkley" or "ar blanca") into the HTML code instead of "arial", the text effect will use the font selected. Note - use just lower case, and type any spaces if they are present in the name.

## HOW TO CHANGE THE TEXT CONTENT

1. Edit the HTML file by opening it in Notepad or Notepad++.

Scroll down to where the text says

```
<pre>
```

Type any text of

Your choice here!

```
</pre>
```

... And simply replace this with text of your choice. Note - You can write multiple lines. Type RETURN for a new line.

Don't use too much text. You may find that using TWO spaces (instead of one) produces a better visual appearance on screen.

The text will be automatically centred, both horizontally and vertically.

## HOW TO CHANGE THE BACKGROUND COLOUR

Simply change the word “purple” to another common colour, say “blue” or “green”. (HTML recognises common colours like these).

Alternatively, you can use certain other HTML colour names such as “dodger blue”, “blueviolet”, “chartreuse” etc. Look up colour choices on the internet.

Alternatively, you can use HTML hex (hexadecimal) colours such as #ff4d4d . Again, look these up on the internet.

## HOW TO CHANGE THE BACKGROUND COLOUR TO TRANSPARENT.

When you apply this effect in Shotcut you’ll probably want to make the background colour transparent, so you can overlay the text above a video. There are a few ways of doing this:

- 1) change background:purple; to background:transparent.
- 2) change the word “purple” by adding a hash sign (or any symbol or letter) to it - eg. “Purple#” or “purpleX” .

These two methods work, not because HTML recognises these words, but in fact the opposite - HTML will NOT recognise these words (including the word TRANSPARENT), so it reverts back to the DEFAULT HTML colour, which is transparent.

Please note, a transparent background viewed in Chrome will look WHITE. So it’s not a good idea to have white text above a transparent background when viewed in Chrome, but it’s fine (in fact often necessary) to have this in Shotcut.

## HOW TO REMOVE OR CHANGE THE TEXT SHADOW.

To remove it:

The text-shadow is a nice effect but if you don’t want it, just add a ~ or other symbol to the word text-shadow (text-shadow#). Again, the browser will not recognise this so will ignore the line and the text shadow will not show.

To change it:

First, understand what the code means. This is what 2px 3px 5px black means :

The text shadow goes 2 pixels to the RIGHT, and 3 pixels BELOW the text. The next value, 5px, means that a blur of 5 pixels is added, and the word black indicates that the colour of the shadow is black. The blur radius is an optional value. If you don’t use the third value it is treated as if you specified a blur radius of zero.

Of course, any of these values can be changed.

## HOW TO CHANGE the LINE-HEIGHT.

Change BOTH values below to the SAME percentage to alter the vertical space in between lines of text. Note: Leave at 100% for a ONE-LINE video title. For MULTIPLE-LINE text effects, 120% generally gives a good effect. Increase the percentage to, say, 180% and you will see a larger gap between the lines of text.

```
text_box { line-height : 100%;}
```

```
span { line-height : 100%;}
```

## TO APPLY THE TEXT EFFECT IN SHOTCUT (version 20.07.11):

Unfortunately, the Text:HTML filter (formerly known as the Overlay Text: filter), was discontinued after Shotcut version 20.07.11 - in which it is named "Text:HTML (deprecated)". To continue using HTML /CSS in Shotcut, you need to revert back version 20.07.11 or earlier.

You can run current and previous versions of Shotcut on the same computer.

1) Search the internet for “ Shotcut previous versions”. Look for the entry leading you to FOSSHUB. Or - go to this link:

<https://www.fosshub.com/Shotcut-old.html>

Scroll down and find the [v.20.07.11] entries:

v20.09.13  Shotcut 64-bit Windows installer	Signature	86.8 MB	20.09.13	0 / 15
v20.09.13  Shotcut 64-bit Windows portable	Signature	115.7 MB	20.09.13	0 / 15
v20.07.11  Shotcut macOS	Signature	77.9 MB	20.07.11	0 / 15
v20.07.11  Shotcut 64-bit Windows portable	Signature	115.1 MB	20.07.11	0 / 15
v20.07.11  Shotcut 64-bit Windows installer	Signature	86.4 MB	20.07.11	0 / 15
v20.07.11  Shotcut 64-bit Linux portable tar	Signature	71.6 MB	20.07.11	1 / 15
v20.07.11  Shotcut 64-bit Linux Applmage	Signature	105.8 MB	20.07.11	0 / 15
v20.07.11  Shotcut 32-bit Windows installer	Signature	79.9 MB	20.07.11	0 / 15
v20.07.11  Shotcut 32-bit Windows portable	Signature	107.5 MB	20.07.11	0 / 15
v20.06.28  Shotcut 64-bit Linux Applmage	Signature	105.8 MB	20.06.28	0 / 15
v20.06.28  Shotcut 64-bit Linux portable tar	Signature	71.6 MB	20.06.28	1 / 15

... And download a version appropriate to your system.

I suggest (for Windows) downloading the 64-bit Portable version - when unzipped, it gives a folder that you can put, say, on your desktop, then install it from there by clicking on the Shotcut .exe file. It will then not involve re-installing Shotcut again when you want to go back to the current version.

## ONCE YOU HAVE DOWNLOADED VERSION 20.07.11:

1) Open Shotcut 20.07.11. Select "Add video track" twice to add two blank video tracks, V1 and V2.

2) Put any video of your choice (or a colour clip) on track V1.

3) Go to "Open Other" then "Colour" then "OK". Drag the black preview screen to the timeline, track V2. This will give you a transparent clip on V2. Make it about 6 seconds long by dragging the right-hand edge.

4) Go to "Filters" and apply the “text:HTML (deprecated)” filter to the transparent clip.

5) Tick the “Use Webvfx javascript extension” box, and hit “Yes” to confirm.

6) Tip: do not move any of the files from their folders, or it may not work.

7) In the TEXT:HTML filter pane,select “Open” and point to the FlipSpin HTML file. If all is well, when you hit “play” in Shotcut the animation will appear when the playhead reaches the transparent clip. There will be a purple background. You will probably want to change this to a transparent background to overlay the text over a video.

Suggestion - as well as opening the HTML file in Shotcut, I always open the HTML file for editing in Notepad++. I have found that using the onboard Shotcut HTML editor to make changes can give some unexpected unwanted results, and anyway it is far easier to edit the HTML file in Notepad++.

After editing in Notepad++, I save the HTML file, then in Shotcut I select "Reload" from within the HTML filter.

8) To make the effect slower and last longer, drag the right-hand edge of the clip and extend it.

9) to change the text effect STYLE, just change the number in the line:

```
<div id="text_box" data-type='2'>
```

.. To one of the numbers from the chart:

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**Best wishes and Good Luck! - JonRay**