

# Converting Colors

Hex(54FF6F)

Have a look what the booklet for  
Hex(54FF6F) contains.

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**Color**

**Hex(54FF6F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	54FF6F
RGB	84, 255, 111
RGB Percent	33%, 100%, 44%
CMY	0.6706, 0.0000, 0.5647
CMYK	0.67, 0.00, 0.56, 0.00
HSL	129°, 100%, 66%
HSV	129°, 67%, 100%
XYZ	42.2854, 74.5525, 27.2003
YIQ	187.4550, -55.6920, -81.0360

# Conversions

## Conversions Part 2

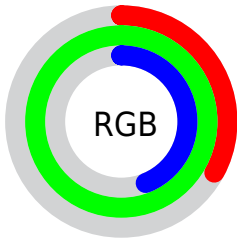
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">84, 232, 255</a>
<a href="#">Decimal</a>	<a href="#">5570415</a>
<a href="#">CIELab</a>	<a href="#">89.18, -71.68, 55.39</a>
<a href="#">CIELCh</a>	<a href="#">89, 90.584, 142.304</a>
<a href="#">Yxy</a>	<a href="#">74.5525, 0.2936, 0.5176</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4283760495 (0xFF54FF6F)</a>
<a href="#">YUV</a>	<a href="#">187.4550, -37.6923, -90.7300</a>
<a href="#">Hunter-Lab</a>	<a href="#">86.3438, -63.6843, 41.7629</a>

# Details

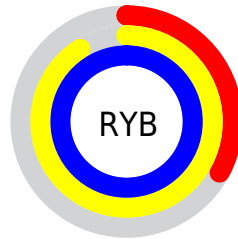
The Hex color **54FF6F** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted spring green. A complement of this color would be **FF54E4**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **98FFA6**, and **00C539** is the 20% darker color. If you saturate the color by 10%, you get **3AFF5A**, and if you desaturate by 10%, it is **6DFF84**.

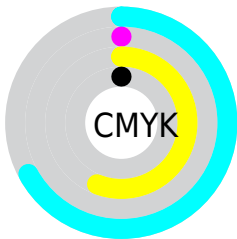
# Distribution



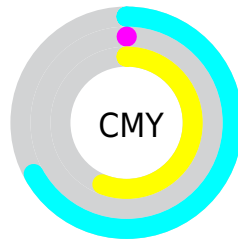
- Red (33%)
- Green (100%)
- Blue (44%)



- Red (33%)
- Yellow (91%)
- Blue (100%)



- Cyan (67%)
- Magenta (0%)
- Yellow (56%)
- Black (0%)



- Cyan (67%)
- Magenta (0%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 54FF6F changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 54FF6F by changing the saturation by 10% instead.



 54FF6F

 54FF6F

FFFFFF

 27E254

 98FFA6

 00C539

 B7FFC2

 00A91A

 D6FFDF

 008D00

 F6FFFC

 007200

 005800

 003F00

 002600

 000000

 54FF6F

 54FF6F

 3AFF5A

 6DFF84

 21FF44

 87FF9A

 08FF2F

 A1FFAF

 00FF28

 BAFFC5

 D3FFDA

 EDFFF0

FFFFFF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



CCEF1D



54FF6F



00FFC6

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54FF6F



00F1FF



FF8FA4

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



54FF6F



FF54E4

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF8BFA



54FF6F



B3D3FF

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54FF6F



00FFFF



FFABFF



FFB056

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54FF6F



00FFFF



FFABFF



FF89C0

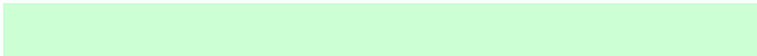


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



54FF6F



CCFFD4



E5FF54



618066



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54FF6F



33FF53



54FFC3



738075



00BF1E



00400A



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



FF54E4



FF33DF



FF5490



80737D



BF00A1

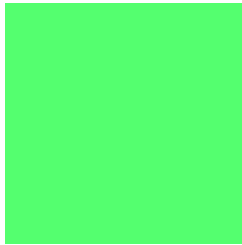


400036



# Previews

## White Background



This preview shows how the Hex color 54FF6F looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 54FF6F looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 54FF6F Background



This preview shows how black text looks on a background with the Hex color 54FF6F.

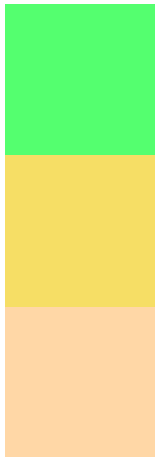


This preview shows how white text looks on a background with the Hex color 54FF6F.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

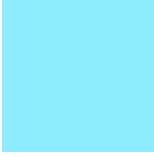
## Dichromacy



**Original Color**  
54FF6F

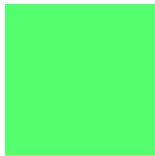
**Protanopia**  
F6DE65

**Deuteranopia**  
FFD7A6

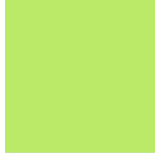


**Tritanopia**  
8EEFF

# Trichromacy



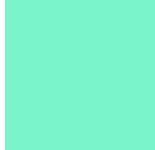
**Original Color**  
54FF6F



**Protanomaly**  
BBEA69



**Deuteranomaly**  
C1E692

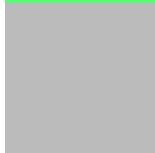


**Tritanomaly**  
79F4CB

# Monochromacy



**Original Color**  
54FF6F



**Achromatopsia**  
BBBBBB



**Achromatomaly**  
96D49F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 54FF6F is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #54FF6F looks like.

```
.text, #text, p{  
    color:#54FF6F  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #54FF6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54FF6F }  
}
```

## Border

The CSS property to change the border of an element to Hex 54FF6F is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #54FF6F }  
}
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#54FF6F }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #54FF6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54FF6F; -webkit-box-shadow:4px 4px  
4px 4px #54FF6F; box-shadow:4px 4px 4px  
4px #54FF6F }
```

# Background

The CSS property to change the background color of an element to Hex 54FF6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54FF6F }
```

If only the background color should be changed can be used:

```
.background{ background-color:#54FF6F }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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