

# Converting Colors

Hex(50FF67)

Have a look what the booklet for  
Hex(50FF67) contains.

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**Color**

**Hex(50FF67)**

# Conversions

## Conversions Part 1

Format	Color
Hex	50FF67
RGB	80, 255, 103
RGB Percent	31%, 100%, 40%
CMY	0.6863, 0.0000, 0.5961
CMYK	0.69, 0.00, 0.60, 0.00
HSL	128°, 100%, 66%
HSV	128°, 69%, 100%
XYZ	41.5164, 74.2047, 24.9668
YIQ	185.3470, -55.5080, -84.3720

# Conversions

## Conversions Part 2

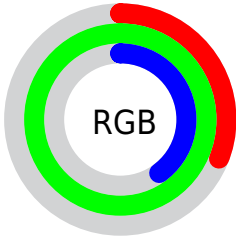
<b>Format</b>	<b>Color</b>
<b>RYB</b>	80, 235, 255
Decimal	5308263
CIELab	89.02, -73.30, 58.65
CIELCh	89, 93.877, 141.333
Yxy	74.2047, 0.2951, 0.5274
Android (android.graphics.Color)	4283498343 (0xFF50FF67)
YUV	185.3470, -40.5971, -92.3893
Hunter-Lab	86.1422, -64.7203, 43.1154

# Details

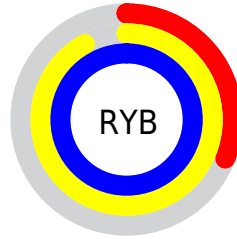
The Hex color **50FF67** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle muted spring green. A complement of this color would be **FF50E8**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **95FF9E**, and **00C52F** is the 20% darker color. If you saturate the color by 10%, you get **37FF51**, and if you desaturate by 10%, it is **6AFF7D**.

# Distribution



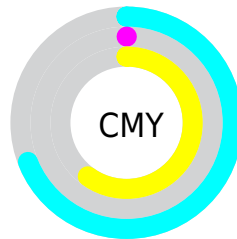
- Red (31%)
- Green (100%)
- Blue (40%)



- Red (31%)
- Yellow (92%)
- Blue (100%)



- Cyan (69%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)



- Cyan (69%)
- Magenta (0%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 50FF67 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 50FF67 by changing the saturation by 10% instead.



 50FF67

FFFFFF


 95FF9E

 B5FFBA

 D4FFD7

 F4FFF4

 50FF67

 1EE24C

 00C52F

 00A907

 008D00

 007200

 005800

 003F00

 002500

 000000

 50FF67

 50FF67

 37FF51

 6AFF7D

 1DFF3B

 83FF93

 04FF25

 9DFFA9

 00FF22

 B6FFC0

 D0FFD6

 E9FFEC

FFFFFF

# Harmonies

## Analogous

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



CDEE00



50FF67



00FFC2

# Triad

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



50FF67



00F2FF



FF89A4

# Complementary

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



50FF67



FF50E8

# 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.



FF86FE



50FF67



A7D3FF

# Square

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



50FF67



00FFFF



FFA9FF



FFAC52

# Rectangle

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



50FF67



00FFFF



FFA9FF



FF83C1

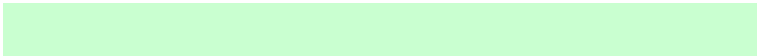


# Sweetspot

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



50FF67



C9FFD0



EBFF50



608064



000000



808080



# Same Dimension

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



50FF67



2EFF49



50FFBC



738074



00BF19



004008



# Inverse Universe

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



FF50E8



FF2EE4



FF5093



80737E



BF00A6

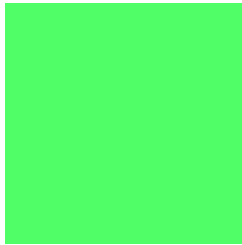


400037



# Previews

## White Background



This preview shows how the Hex color 50FF67 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 50FF67 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 50FF67 Background



This preview shows how black text looks on a background with the Hex color 50FF67.

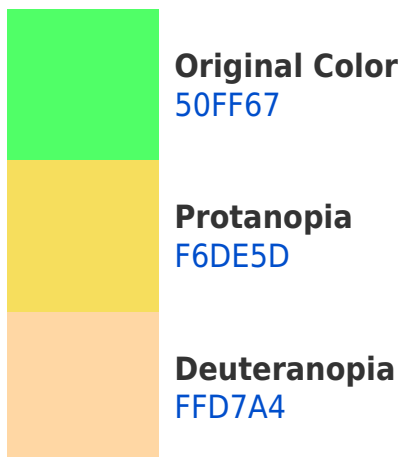


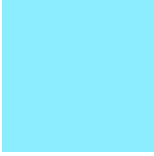
This preview shows how white text looks on a background with the Hex color 50FF67.

# 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](#).

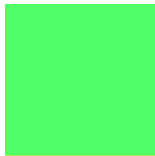
## Dichromacy





**Tritanopia**  
8BEDFF

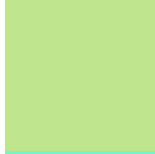
# Trichromacy



**Original Color**  
50FF67



**Protanomaly**  
BAEA61

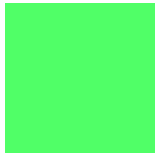


**Deuteranomaly**  
BFE68E

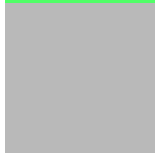


**Tritanomaly**  
76F4C8

# Monochromacy



**Original Color**  
50FF67



**Achromatopsia**  
B9B9B9



**Achromatomaly**  
93D29B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 50FF67 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 #50FF67 looks like.

```
.text, #text, p{  
    color:#50FF67  
}
```

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 #50FF67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50FF67
}
```

## Border

The CSS property to change the border of an element to Hex 50FF67 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
#50FF67 }
```

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

```
.border{ border-color:#50FF67 }
```

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

Here you see how a box with a 4 pixel #50FF67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50FF67; -webkit-box-shadow:4px 4px  
4px 4px #50FF67; box-shadow:4px 4px 4px  
4px #50FF67 }
```

# Background

The CSS property to change the background color of an element to Hex 50FF67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50FF67 }
```

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

```
.background{ background-color:#50FF67 }
```

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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