

Converting Colors

Hex(50FC50)

Have a look what the booklet for
Hex(50FC50) contains.

Hex(50FC50)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(50FC50)

Conversions

Conversions Part 1

Format	Color
Hex	50FC50
RGB	80, 252, 80
RGB Percent	31%, 99%, 31%
CMY	0.6863, 0.0118, 0.6863
CMYK	0.68, 0.00, 0.68, 0.01
HSL	120°, 97%, 65%
HSV	120°, 68%, 99%
XYZ	39.5666, 71.9055, 19.3832
YIQ	180.9640, -47.3000, -89.9560

Conversions

Conversions Part 2

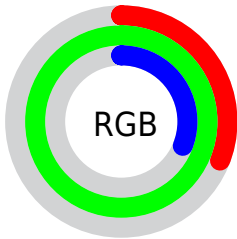
Format	Color
RYB	80, 252, 252
Decimal	5307472
CIELab	87.92, -74.61, 66.67
CIElCh	88, 100.056, 138.216
Yxy	71.9055, 0.3024, 0.5495
Android (android.graphics.Color)	4283497552 (0xFF50FC50)
YUV	180.9640, -49.7753, -88.5454
Hunter-Lab	84.7971, -65.1062, 45.8053

Details

The Hex color **50FC50** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle muted green. A complement of this color would be **FC50FC**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **95FF89**, and **00C204** is the 20% darker color. If you saturate the color by 10%, you get **37FC37**, and if you desaturate by 10%, it is **69FC69**.

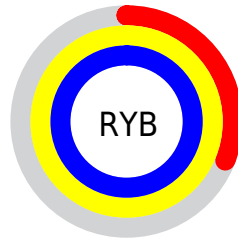
Distribution



Red (31%)

Green (99%)

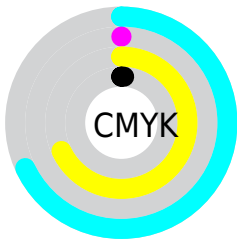
Blue (31%)



Red (31%)

Yellow (99%)

Blue (99%)

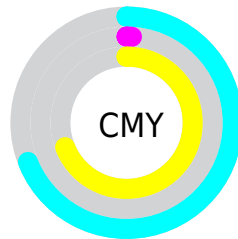


Cyan (68%)

Magenta (0%)

Yellow (68%)

Black (1%)



Cyan (69%)

Magenta (1%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50FC50 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 50FC50 by changing the saturation by 10% instead.

 50FC50

FFFFFF

 95FF89


 B5FFA5

 D5FFC2

 F4FFDF

FFFFFFD

 50FC50

 1EDF32

 00C204

 00A600

 008A00

 006F00

 005500

 003D00

 002300

 000000

 50FC50

 50FC50

 37FC37

 69FC69

 1EFC1E

 82FC82

 04FC04

 9CFC9C

 00FC00

 B5FCB5

 CEFCEE

 E7FCE7

 FFFCFF

Harmonies

Analogous

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



D1EA00



50FC50



00FFB2

Triad

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



50FC50



00F3FF



FF78A7

Complementary

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



50FC50



FC50FC

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.



FF7AFF



50FC50



7ED3FF

Square

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



50FC50



00FFFF



FFA6FF



FFA04E

Rectangle

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



50FC50



00FFF5



FFA6FF



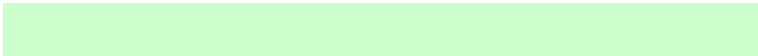
FF72C6

Sweetspot

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



50FC50



CCFFCC



FCFC50



618061



000000



808080

Same Dimension

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



50FC50



2EFF2E



50FCA6



707D70



00BD00



003D00

Inverse Universe

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



FC50FC



FF2EFF



FC50A6



7D707D



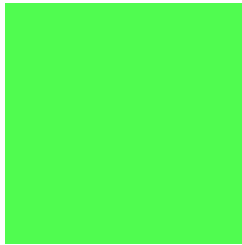
BD00BD



3D003D

Previews

White Background



This preview shows how the Hex color 50FC50 looks on a white background.

Color Contrast Check

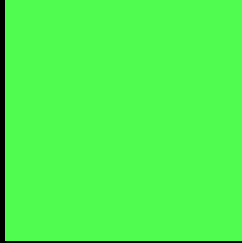
Large Text (above 18pt) WCAG AA × Fail

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 50FC50 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 50FC50 Background



This preview shows how black text looks on a background with the Hex color 50FC50.

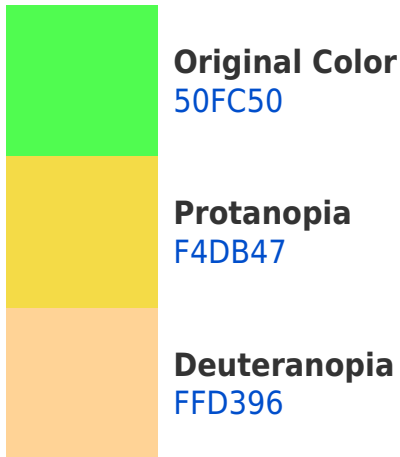


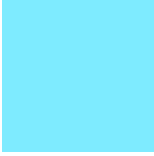
This preview shows how white text looks on a background with the Hex color 50FC50.

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](#).

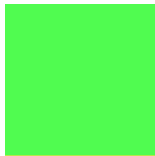
Dichromacy





Tritanopia
7EEBFF

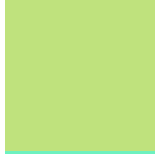
Trichromacy



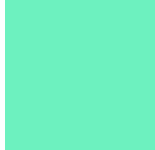
Original Color
50FC50



Protanomaly
B8E74A



Deuteranomaly
BFE27D

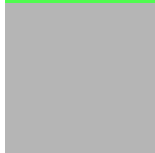


Tritanomaly
6DF1BF

Monochromacy



Original Color
50FC50



Achromatopsia
B5B5B5



Achromatomaly
90CF90

CSS Examples

Text

The CSS property to change the color of the text to Hex 50FC50 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 #50FC50 looks like.

```
.text, #text, p{  
    color:#50FC50  
}
```

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 #50FC50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50FC50
}
```

Border

The CSS property to change the border of an element to Hex 50FC50 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
#50FC50 }
```

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

```
.border{ border-color:#50FC50 }
```

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

Here you see how a box with a 4 pixel #50FC50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50FC50; -webkit-box-shadow:4px 4px  
4px 4px #50FC50; box-shadow:4px 4px 4px  
4px #50FC50 }
```

Background

The CSS property to change the background color of an element to Hex 50FC50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50FC50 }
```

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

```
.background{ background-color:#50FC50 }
```

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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