

Converting Colors

Hex(4BFC50)

Have a look what the booklet for
Hex(4BFC50) contains.

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Color

Hex(4BFC50)

Conversions

Conversions Part 1

Format	Color
Hex	4BFC50
RGB	75, 252, 80
RGB Percent	29%, 99%, 31%
CMY	0.7059, 0.0118, 0.6863
CMYK	0.70, 0.00, 0.68, 0.01
HSL	122°, 97%, 64%
HSV	122°, 70%, 99%
XYZ	39.1600, 71.6958, 19.3642
YIQ	179.4690, -50.2800, -91.0160

Conversions

Conversions Part 2

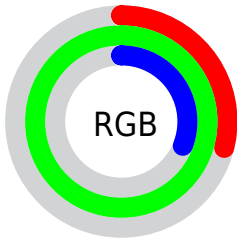
Format	Color
RYB	75, 247, 252
Decimal	4979792
CIELab	87.82, -75.46, 66.53
CIELCh	88, 100.598, 138.596
Yxy	71.6958, 0.3007, 0.5506
Android (android.graphics.Color)	4283169872 (0xFF4BFC50)
YUV	179.4690, -49.0382, -91.6193
Hunter-Lab	84.6734, -65.6252, 45.7122

Details

The Hex color **4BFC50** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed green. A complement of this color would be **FC4BF7**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **92FF89**, and **00C204** is the 20% darker color. If you saturate the color by 10%, you get **32FC38**, and if you desaturate by 10%, it is **64FC68**.

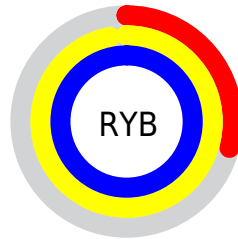
Distribution



Red (29%)

Green (99%)

Blue (31%)



Red (29%)

Yellow (97%)

Blue (99%)

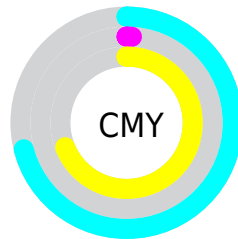


Cyan (70%)

Magenta (0%)

Yellow (68%)

Black (1%)



Cyan (71%)

Magenta (1%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BFC50 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 4BFC50 by changing the saturation by 10% instead.

 4BFC50

FFFFFF

 92FF89

 B2FFA5

 D2FFC2

 F1FFDF

FFFFFFD

 4BFC50

 10DF32

 00C204

 00A600

 008A00

 006F00

 005500

 003D00

 002200

 000000

 4BFC50

 4BFC50

 32FC38

 64FC68

 19FC1F

 7DFC81

 00FC07

 97FC99

 B0FCB2

 C9FCCA

 E2FCE3

 FBFCFB

 FFFCFF

Harmonies

Analogous

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



CFEA00



4BFC50



00FFB3

Triad

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



4BFC50



00F2FF



FF77A5

Complementary

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



4BFC50



FC4BF7

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.



FF78FF



4BFC50



80D3FF

Square

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



4BFC50



00FFFF



FFA5FF



FFA04B

Rectangle

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



4BFC50



00FFF6



FFA5FF



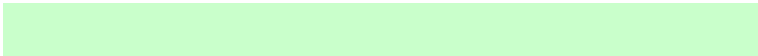
FF71C5

Sweetspot

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



4BFC50



C9FFCB



F9FC4B



608061



000000



808080

Same Dimension

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



4BFC50



29FF2F



4BFCA6



707D71



00BD05



003D02

Inverse Universe

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



FC4BF7



FF29F9



FC4BA1



7D707D



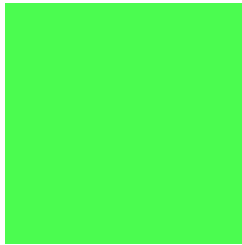
BD00B7



3D003B

Previews

White Background



This preview shows how the Hex color 4BFC50 looks on a white background.

Color Contrast Check

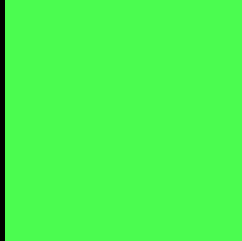
Large Text (above 18pt) WCAG AA × Fail

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 4BFC50 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 4BFC50 Background



This preview shows how black text looks on a background with the Hex color 4BFC50.

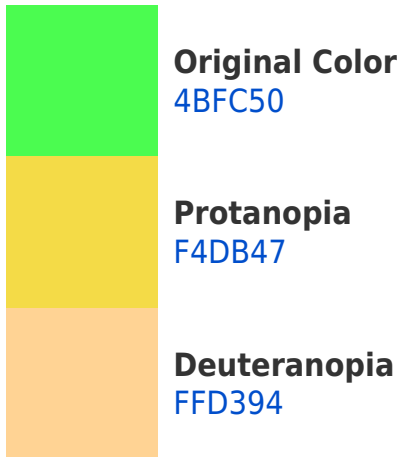


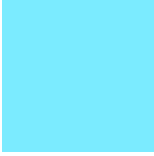
This preview shows how white text looks on a background with the Hex color 4BFC50.

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](#).

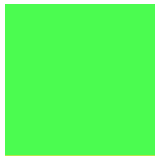
Dichromacy





Tritanopia
7BEBFF

Trichromacy



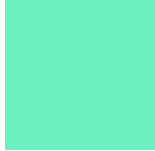
Original Color
4BFC50



Protanomaly
B7E74A

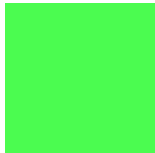


Deuteranomaly
BEE27B

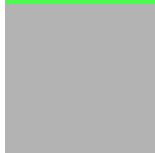


Tritanomaly
6AF1BF

Monochromacy



Original Color
4BFC50



Achromatopsia
B3B3B3



Achromatomaly
8DCE8F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4BFC50 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 #4BFC50 looks like.

```
.text, #text, p{  
    color:#4BFC50  
}
```

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 #4BFC50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BFC50
}
```

Border

The CSS property to change the border of an element to Hex 4BFC50 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
#4BFC50 }
```

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

```
.border{ border-color:#4BFC50 }
```

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

Here you see how a box with a 4 pixel #4BFC50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BFC50; -webkit-box-shadow:4px 4px  
4px 4px #4BFC50; box-shadow:4px 4px 4px  
4px #4BFC50 }
```

Background

The CSS property to change the background color of an element to Hex 4BFC50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BFC50 }
```

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

```
.background{ background-color:#4BFC50 }
```

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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