

Converting Colors

Hex(4BFC6E)

Have a look what the booklet for
Hex(4BFC6E) contains.

Hex(4BFC6E)	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(4BFC6E)

Conversions

Conversions Part 1

Format	Color
Hex	4BFC6E
RGB	75, 252, 110
RGB Percent	29%, 99%, 43%
CMY	0.7059, 0.0118, 0.5686
CMYK	0.70, 0.00, 0.56, 0.01
HSL	132°, 97%, 64%
HSV	132°, 70%, 99%
XYZ	40.5265, 72.2425, 26.5601
YIQ	182.8890, -59.9100, -81.6860

Conversions

Conversions Part 2

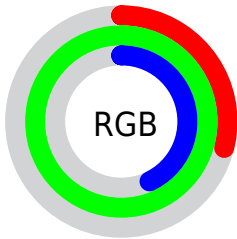
Format	Color
RYB	75, 223, 252
Decimal	4979822
CIELab	88.09, -72.31, 54.49
CIELCh	88, 90.545, 142.999
Yxy	72.2425, 0.2909, 0.5185
Android (android.graphics.Color)	4283169902 (0xFF4BFC6E)
YUV	182.8890, -35.9343, -94.6187
Hunter-Lab	84.9956, -63.6321, 40.9695

Details

The Hex color **4BFC6E** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle washed spring green. A complement of this color would be **FC4BD9**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **91FFA5**, and **00C238** is the 20% darker color. If you saturate the color by 10%, you get **32FC5A**, and if you desaturate by 10%, it is **64FC82**.

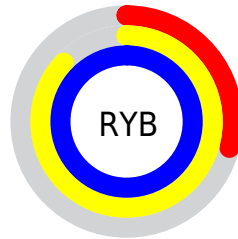
Distribution



Red (29%)

Green (99%)

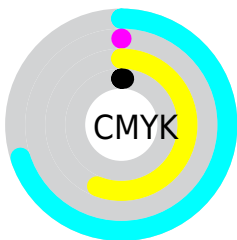
Blue (43%)



Red (29%)

Yellow (87%)

Blue (99%)

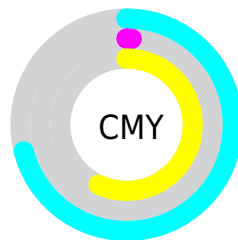


Cyan (70%)

Magenta (0%)

Yellow (56%)

Black (1%)



Cyan (71%)

Magenta (1%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BFC6E 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 4BFC6E by changing the saturation by 10% instead.

 4BFC6E

 4BFC6E

FFFFFF

 13DF53

 91FFA5

 00C238

 B1FFC1

 00A619

 D0FFDE


 008A00

 EFFFFB

 006F00

 005500

 003D00

 002300

 000000

 4BFC6E

 4BFC6E

 32FC5A

 64FC82

 19FC46

 7DFC96

 00FC32

 97FCAB

 B0FCBF

 C9FCD3

 E2FCE7

 FBFCFC

 FFFCFF

Harmonies

Analogous

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



C7EC1A



4BFC6E



00FC5

Triad

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



4BFC6E



00EDFF



FF8C9F

Complementary

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



4BFC6E



FC4BD9

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.



FF87F5



4BFC6E



B3CFFF

Square

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



4BFC6E



00FEFF



FFA7FF



FFAE52

Rectangle

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



4BFC6E



00FFFF



FFA7FF



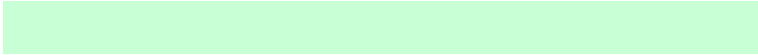
FF86BB

Sweetspot

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



4BFC6E



C9FFD4



DCFC4B



608066



000000



808080

Same Dimension

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



4BFC6E



29FF53



4BFCC4



707D73



00BD25



003D0C

Inverse Universe

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



FC4BD9



FF29D5



FC4B83



7D707A



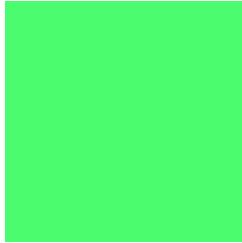
BD0097



3D0031

Previews

White Background



This preview shows how the Hex color 4BFC6E 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 4BFC6E 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 4BFC6E Background



This preview shows how black text looks on a background with the Hex color 4BFC6E.

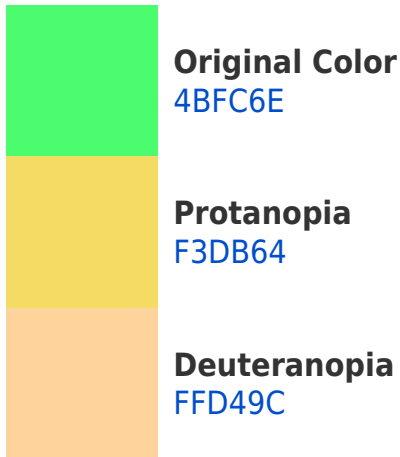


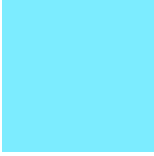
This preview shows how white text looks on a background with the Hex color 4BFC6E.

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](#).

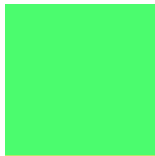
Dichromacy



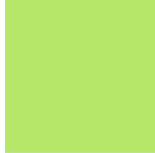


Tritanopia
7CECF

Trichromacy



Original Color
4BFC6E



Protanomaly
B6E768



Deuteranomaly
BEE38B

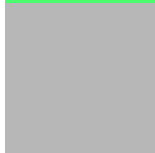


Tritanomaly
6AF2CA

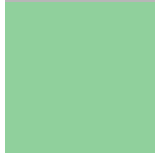
Monochromacy



Original Color
4BFC6E



Achromatopsia
B7B7B7



Achromatomaly
90D09C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4BFC6E 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 #4BFC6E looks like.

```
.text, #text, p{  
    color:#4BFC6E  
}
```

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 #4BFC6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BFC6E
}
```

Border

The CSS property to change the border of an element to Hex 4BFC6E 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
#4BFC6E }
```

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

```
.border{ border-color:#4BFC6E }
```

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

Here you see how a box with a 4 pixel #4BFC6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BFC6E; -webkit-box-shadow:4px 4px  
4px 4px #4BFC6E; box-shadow:4px 4px 4px  
4px #4BFC6E }
```

Background

The CSS property to change the background color of an element to Hex 4BFC6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BFC6E }
```

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

```
.background{ background-color:#4BFC6E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor