

Converting Colors

Hex(4BFF67)

Have a look what the booklet for
Hex(4BFF67) contains.

Hex(4BFF67)	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(4BFF67)

Conversions

Conversions Part 1

Format	Color
Hex	4BFF67
RGB	75, 255, 103
RGB Percent	29%, 100%, 40%
CMY	0.7059, 0.0000, 0.5961
CMYK	0.71, 0.00, 0.60, 0.00
HSL	129°, 100%, 65%
HSV	129°, 71%, 100%
XYZ	41.1098, 73.9951, 24.9477
YIQ	183.8520, -58.4880, -85.4320

Conversions

Conversions Part 2

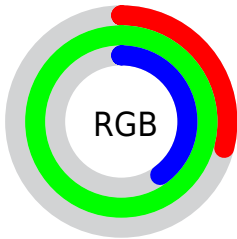
Format	Color
RYB	75, 231, 255
Decimal	4980583
CIELab	88.92, -74.11, 58.51
CIELCh	89, 94.429, 141.708
Yxy	73.9951, 0.2935, 0.5283
Android (android.graphics.Color)	4283170663 (0xFF4BFF67)
YUV	183.8520, -39.8600, -95.4632
Hunter-Lab	86.0204, -65.2292, 43.0189

Details

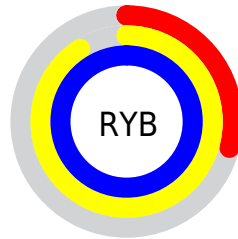
The Hex color **4BFF67** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **FF4BE3**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **91FF9E**, and **00C52F** is the 20% darker color. If you saturate the color by 10%, you get **32FF51**, and if you desaturate by 10%, it is **65FF7D**.

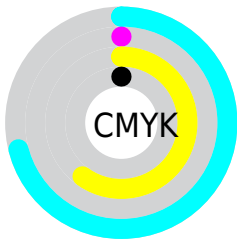
Distribution



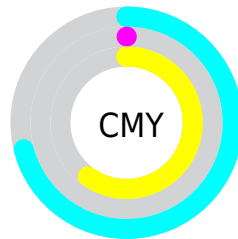
- Red (29%)
- Green (100%)
- Blue (40%)



- Red (29%)
- Yellow (91%)
- Blue (100%)



- Cyan (71%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)



- Cyan (71%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Hex color 4BFF67 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 4BFF67 by changing the saturation by 10% instead.

 4BFF67

 4BFF67

FFFFFF

 11E24C

 91FF9E

 00C52F

 B2FFBA

 00A808

 D1FFD7

 008D00

 F1FFF4

 007200

 005700

 003F00

 002500

 000000

 4BFF67

 4BFF67

 32FF51

 65FF7D

 18FF3C

 7EFF92

 00FF28

 98FFA8

 B1FFBD

 CBFFD3

 E4FFE8

FEFFFE

FFFFFF

Harmonies

Analogous

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



CBEE00



4BFF67



00FFC2

Triad

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



4BFF67



00F1FF



FF88A2

Complementary

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



4BFF67



FF4BE3

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.



FF84FC



4BFF67



A9D2FF

Square

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



4BFF67



00FFFF



FFA8FF



FFAC50

Rectangle

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



4BFF67



00FFFF



FFA8FF



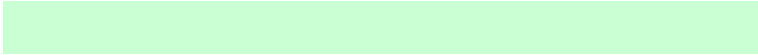
FF81C0

Sweetspot

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



4BFF67



C9FFD2



E4FF4B



608065



000000



808080

Same Dimension

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



4BFF67



26FF48



4BFFC0



738075



00BF1E



00400A

Inverse Universe

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



FF4BE3



FF26DD



FF4B8A



80737E



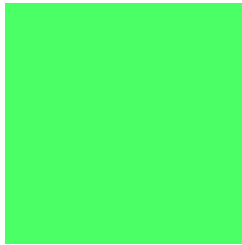
BF00A2



400036

Previews

White Background



This preview shows how the Hex color 4BFF67 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 4BFF67 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 4BFF67 Background



This preview shows how black text looks on a background with the Hex color 4BFF67.

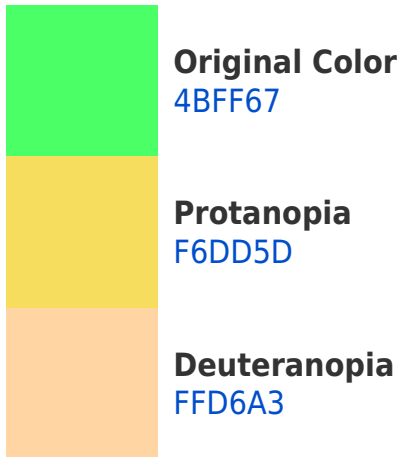


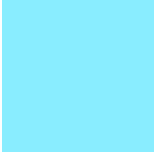
This preview shows how white text looks on a background with the Hex color 4BFF67.

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
89EDFF

Trichromacy



Original Color
4BFF67



Protanomaly
B8E961



Deuteranomaly
BEE58D

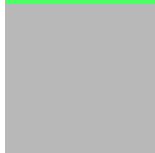


Tritanomaly
72F4C8

Monochromacy



Original Color
4BFF67



Achromatopsia
B8B8B8



Achromatomaly
90D29B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4BFF67 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 #4BFF67 looks like.

```
.text, #text, p{  
    color:#4BFF67  
}
```

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 #4BFF67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BFF67
}
```

Border

The CSS property to change the border of an element to Hex 4BFF67 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
#4BFF67 }
```

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

```
.border{ border-color:#4BFF67 }
```

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

Here you see how a box with a 4 pixel #4BFF67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BFF67; -webkit-box-shadow:4px 4px  
4px 4px #4BFF67; box-shadow:4px 4px 4px  
4px #4BFF67 }
```

Background

The CSS property to change the background color of an element to Hex 4BFF67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BFF67 }
```

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

```
.background{ background-color:#4BFF67 }
```

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