

Converting Colors

Hex(BFFB45)

Have a look what the booklet for
Hex(BFFB45) contains.

Hex(BFFB45)	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(BFFB45)

Conversions

Conversions Part 1

Format	Color
Hex	BFFB45
RGB	191, 251, 69
RGB Percent	75%, 98%, 27%
CMY	0.2510, 0.0157, 0.7294
CMYK	0.24, 0.00, 0.73, 0.02
HSL	80°, 96%, 63%
HSV	80°, 73%, 98%
XYZ	57.0572, 80.5004, 18.1611
YIQ	212.3120, 22.6620, -69.3220

Conversions

Conversions Part 2

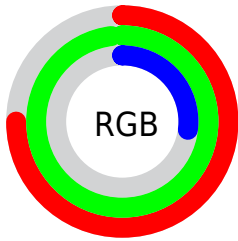
Format	Color
RYB	69, 251, 129
Decimal	12581701
CIELab	91.91, -43.34, 75.96
CIELCh	92, 87.451, 119.707
Yxy	80.5004, 0.3664, 0.5170
Android (android.graphics.Color)	4290771781 (0xFFBFFB45)
YUV	212.3120, -70.6528, -18.6906
Hunter-Lab	89.7220, -43.4994, 50.8042

Details

The Hex color **BFFB45** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed chartreuse. A complement of this color would be **8145FB**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FBFF80**, and **85C200** is the 20% darker color. If you saturate the color by 10%, you get **B7FB2C**, and if you desaturate by 10%, it is **C7FB5E**.

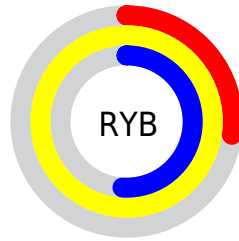
Distribution



Red (75%)

Green (98%)

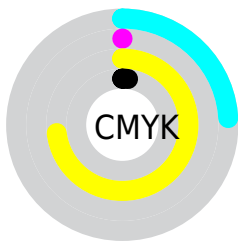
Blue (27%)



Red (27%)

Yellow (98%)

Blue (51%)

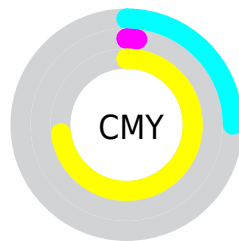


Cyan (24%)

Magenta (0%)

Yellow (73%)

Black (2%)



Cyan (25%)

Magenta (2%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color BFFB45 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 BFFB45 by changing the saturation by 10% instead.

 BFFB45

FFFFFF

 FBFF80

 FFFF9D

 FFFFBA

 FFFF80

 FFFFF5

 BFFB45

 A2DE21

 85C200

 68A700

 4A8C00

 2C7200

 005900

 004100

 002B00

 000D00

 BFFB45

 BFFB45

 B7FB2C

 C7FB5E

 AEFB13

 D0FB77

 A8FB00

 D8FB90

 E0FBA9

 E8FBC3

 F1FBDC

 F9FBF5

 FFFBFF

Harmonies

Analogous

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



FFE323



BFFB45



2DFF8E

Triad

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



BFFB45



00FFFF



FF96EC

Complementary

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



BFFB45



8145FB

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.



FFACFF



BFFB45



00F2FF

Square

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



BFFB45



00FFFF



E5D2FF



FFA29A

Rectangle

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



BFFB45



00FFC7



E5D2FF



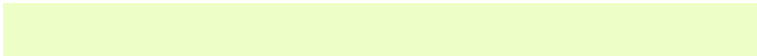
FF9AFF

Sweetspot

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



BFFB45



EDFFC7



FB7F45



75805E



000000



808080

Same Dimension

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



BFFB45



B6FF21



66FB45



797D70



7EBD00



293D00

Inverse Universe

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



8145FB



6A21FF



DA45FB



75707D



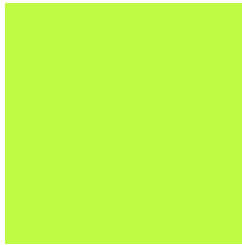
3E00BD



14003D

Previews

White Background



This preview shows how the Hex color BFFB45 looks on a white background.

Color Contrast Check

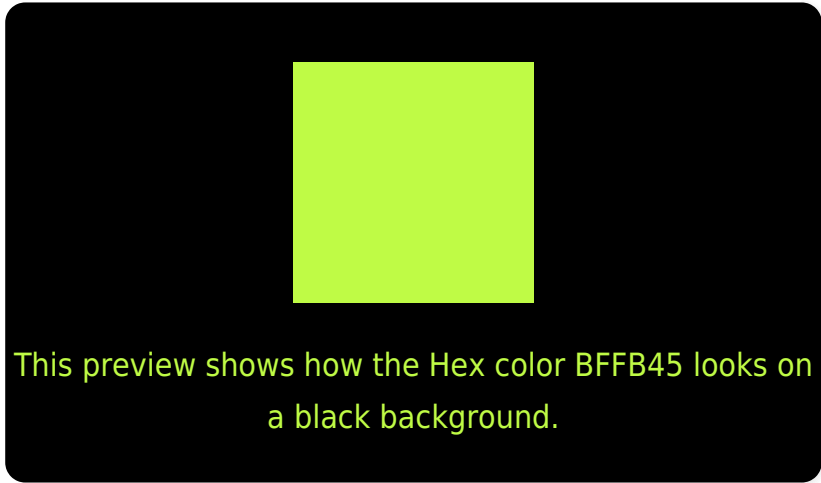
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 BFFB45 Background



This preview shows how black text looks on a background with the Hex color BFFB45.

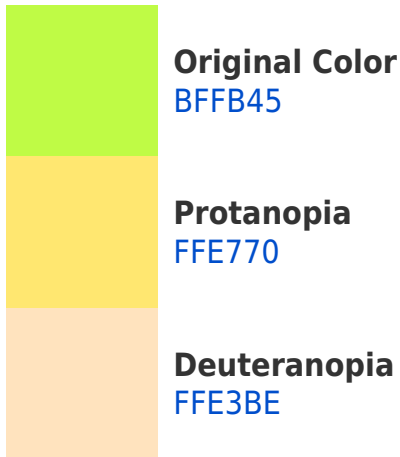


This preview shows how white text looks on a background with the Hex color BFFB45.

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](#).

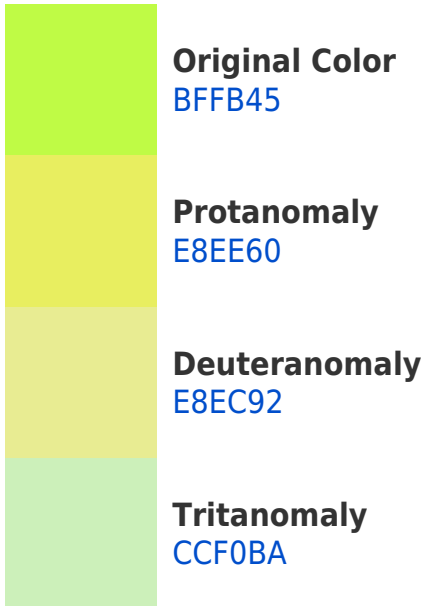
Dichromacy



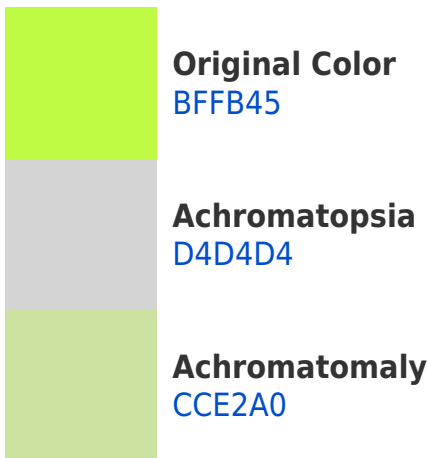


Tritanopia
D4EAFD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BFFB45 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 #BFFB45 looks like.

```
.text, #text, p{  
    color:#BFFB45  
}
```

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 #BFFB45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFFB45
}
```

Border

The CSS property to change the border of an element to Hex BFFB45 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
#BFFB45 }
```

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

```
.border{ border-color:#BFFB45 }
```

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

Here you see how a box with a 4 pixel #BFFB45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFFB45; -webkit-box-shadow:4px 4px  
4px 4px #BFFB45; box-shadow:4px 4px 4px  
4px #BFFB45 }
```

Background

The CSS property to change the background color of an element to Hex BFFB45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFFB45 }
```

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

```
.background{ background-color:#BFFB45 }
```

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