

# Converting Colors

Hex(BCFB4B)

Have a look what the booklet for  
Hex(BCFB4B) contains.

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# Color

Hex(**BCFB4B**)

# Conversions

## Conversions Part 1

Format	Color
Hex	BCFB4B
RGB	188, 251, 75
RGB Percent	74%, 98%, 29%
CMY	0.2627, 0.0157, 0.7059
CMYK	0.25, 0.00, 0.70, 0.02
HSL	81°, 96%, 64%
HSV	81°, 70%, 98%
XYZ	56.5062, 80.1937, 19.1574
YIQ	212.0990, 18.9480, -68.0920

# Conversions

## Conversions Part 2

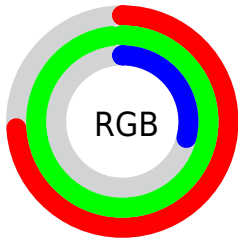
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 251, 138
Decimal	12385099
CIELab	91.77, -44.11, 73.74
CIELCh	92, 85.928, 120.885
Yxy	80.1937, 0.3626, 0.5145
Android (android.graphics.Color)	4290575179 (0xFFBCFB4B)
YUV	212.0990, -67.5898, -21.1348
Hunter-Lab	89.5509, -44.0815, 50.0019

# Details

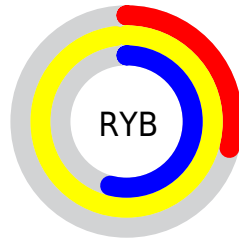
The Hex color **BCFB4B** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light washed chartreuse. A complement of this color would be **8A4BFB**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **F8FF85**, and **82C200** is the 20% darker color. If you saturate the color by 10%, you get **B3FB32**, and if you desaturate by 10%, it is **C5FB64**.

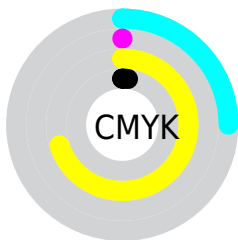
# Distribution



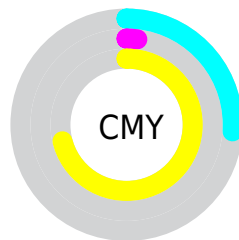
- Red (74%)
- Green (98%)
- Blue (29%)



- Red (29%)
- Yellow (98%)
- Blue (54%)



- Cyan (25%)
- Magenta (0%)
- Yellow (70%)
- Black (2%)



- Cyan (26%)
- Magenta (2%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCFB4B 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 BCFB4B by changing the saturation by 10% instead.



 BCFB4B

 BCFB4B

FFFFFF

 9FDE2A

 F8FF85

 82C200

 FFFFA2

 65A700

 FFFFBF

 488C00

 FFFFDC

 297200

 FFFFFA

 005900

 004100

 002B00

 000C00

 BCFB4B

 BCFB4B

 B3FB32

 C5FB64

 AAFB19

 CEFB7D

 A1FB00

 D7FB96

 E0FBAF

 E9FBC8

 F2FBE2

 FBFBBF

 FFFBFF

# Harmonies

## Analogous

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



FFE429



BCFB4B



27FF93

# Triad

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



BCFB4B



00FFFF



FF97E8

# Complementary

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



BCFB4B



8A4BFB

# 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



BCFB4B



00F0FF

# Square

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



BCFB4B



00FFFF



EAD0FF



FFA498

# Rectangle

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



BCFB4B



00FFCB



EAD0FF



FF9BFF



# Sweetspot

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



BCFB4B



ECFFC9



FB894B



748060



000000



808080



# Same Dimension

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



BCFB4B



B2FF29



65FB4B



787D70



79BD00



273D00



# Inverse Universe

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



8A4BFB



7529FF



E14BFB



75707D



4400BD

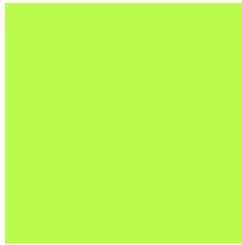


16003D



# Previews

## White Background



This preview shows how the Hex color BCFB4B looks on a white background.

## Color Contrast Check

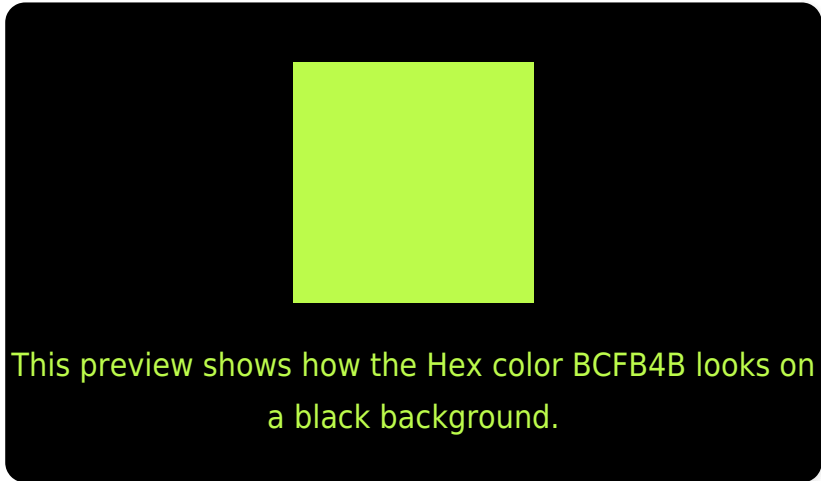
Large Text (above 18pt) WCAG AA × Fail

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 BCFB4B Background



This preview shows how black text looks on a background with the Hex color BCFB4B.

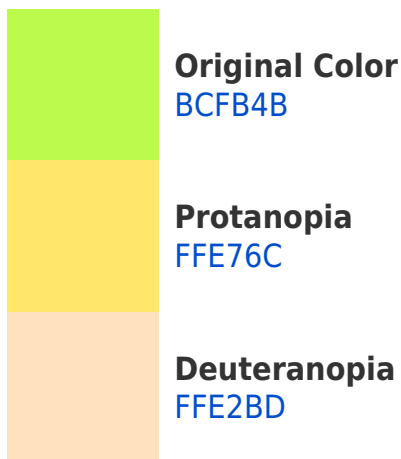


This preview shows how white text looks on a background with the Hex color BCFB4B.

# 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

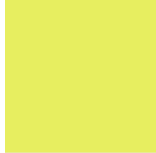




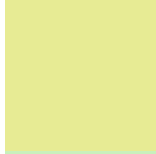
# Trichromacy



**Original Color**  
BCFB4B



**Protanomaly**  
E7EE60



**Deuteranomaly**  
E7EB94

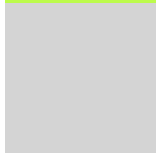


**Tritanomaly**  
C9F0BC

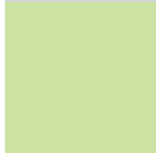
# Monochromacy



**Original Color**  
BCFB4B



**Achromatopsia**  
D4D4D4



**Achromatomaly**  
CBE2A2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCFB4B 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 #BCFB4B looks like.

```
.text, #text, p{  
    color:#BCFB4B  
}
```

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 #BCFB4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCFB4B
}
```

## Border

The CSS property to change the border of an element to Hex BCFB4B 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
#BCFB4B }
```

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

```
.border{ border-color:#BCFB4B }
```

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

Here you see how a box with a 4 pixel #BCFB4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCFB4B; -webkit-box-shadow:4px 4px  
4px 4px #BCFB4B; box-shadow:4px 4px 4px  
4px #BCFB4B }
```

# Background

The CSS property to change the background color of an element to Hex BCFB4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCFB4B }
```

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

```
.background{ background-color:#BCFB4B }
```

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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