

# Converting Colors

Hex(B8CC6B)

Have a look what the booklet for  
Hex(B8CC6B) contains.

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# Color

Hex(**B8CC6B**)

# Conversions

## Conversions Part 1

Format	Color
Hex	B8CC6B
RGB	184, 204, 107
RGB Percent	72%, 80%, 42%
CMY	0.2784, 0.2000, 0.5804
CMYK	0.10, 0.00, 0.48, 0.20
HSL	72°, 49%, 61%
HSV	72°, 48%, 80%
XYZ	44.0139, 54.4376, 22.0977
YIQ	186.9620, 19.2170, -34.4070

# Conversions

## Conversions Part 2

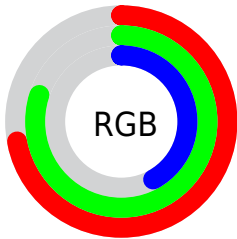
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 204, 127
Decimal	12110955
CIELab	78.72, -21.43, 45.77
CIELCh	79, 50.539, 115.088
Yxy	54.4376, 0.3651, 0.4516
Android (android.graphics.Color)	4290301035 (0xFFB8CC6B)
YUV	186.9620, -39.4213, -2.5977
Hunter-Lab	73.7819, -22.6357, 33.8900

# Details

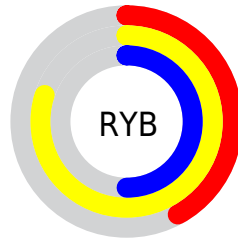
The Hex color **B8CC6B** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7F6BCC**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **F1FFA0**, and **819638** is the 20% darker color. If you saturate the color by 10%, you get **B4CC57**, and if you desaturate by 10%, it is **BCCC7F**.

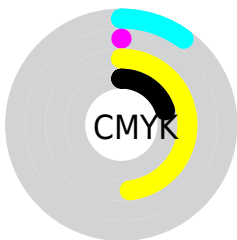
# Distribution



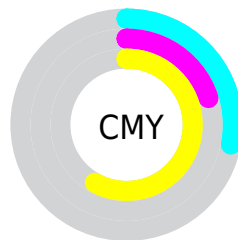
- Red (72%)
- Green (80%)
- Blue (42%)



- Red (42%)
- Yellow (80%)
- Blue (50%)



- Cyan (10%)
- Magenta (0%)
- Yellow (48%)
- Black (20%)



- Cyan (28%)
- Magenta (20%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B8CC6B 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 B8CC6B by changing the saturation by 10% instead.



 B8CC6B

FFFFFF

 F1FFA0


 FFFFBC

 FFFFD8

 FFFFF5

 B8CC6B

 9CB151

 819638

 677C1E

 4D6300

 344B00

 1B3400

 002000

 000000

 B8CC6B

 B8CC6B

 B4CC57

 BCCC7F

 B0CC42

 C0CC94

 ABCC2E

 C5CCA8

 A7CC19

 C9CCBD

 A3CC05

 CDCCD1

 A2CC00

 D1CCE5

 D5CCFA

 DACCFE

 DECCFF

# Harmonies

## Analogous

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



E7BD63



B8CC6B



80D68B

# Triad

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



B8CC6B



00D5FF



FF9DCD

# Complementary

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



B8CC6B



7F6BCC

# 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.



F6A8F9



B8CC6B



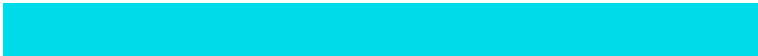
63CAFF

# Square

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



B8CC6B



00DBE9



BBBAFF



FF9F9D

# Rectangle

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



B8CC6B



4EDAA9



BBBAFF



FF9FDC



# Sweetspot

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



B8CC6B



F8FFDB



CC7E6B



7B806A



000000



808080



# Same Dimension

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



B8CC6B



E1FF6E



88CC6B



64665C



84A600



1E2600



# Inverse Universe

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



7F6BCC



8C6EFF



AF6BCC



5E5C66



2200A6



080026



# Previews

## White Background



This preview shows how the Hex color B8CC6B looks on a white background.

## Color Contrast Check

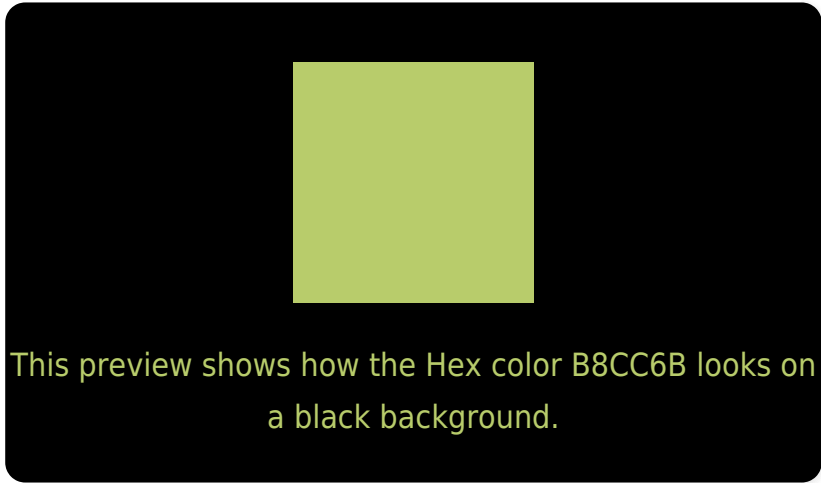
Large Text (above 18pt) WCAG AA × Fail

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 B8CC6B Background



This preview shows how black text looks on a background with the Hex color B8CC6B.

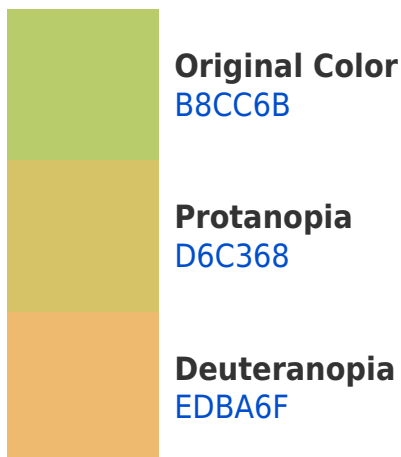


This preview shows how white text looks on a background with the Hex color B8CC6B.

# 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](#).

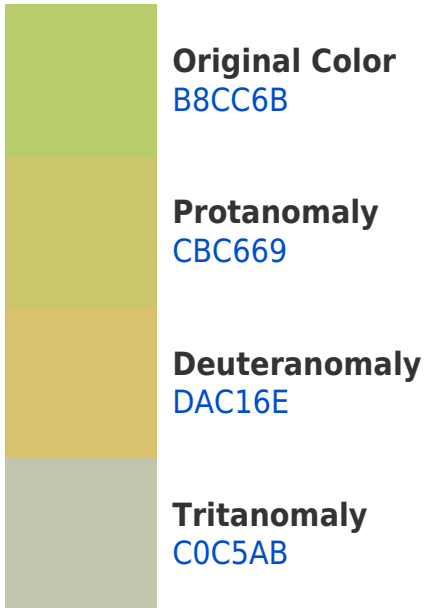
## Dichromacy



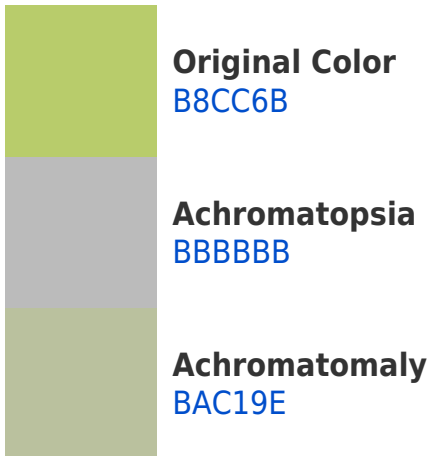


**Tritanopia**  
C4C1D0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B8CC6B 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 #B8CC6B looks like.

```
.text, #text, p{  
    color:#B8CC6B  
}
```

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 #B8CC6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8CC6B
}
```

## Border

The CSS property to change the border of an element to Hex B8CC6B 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
#B8CC6B }
```

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

```
.border{ border-color:#B8CC6B }
```

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

Here you see how a box with a 4 pixel #B8CC6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8CC6B; -webkit-box-shadow:4px 4px  
4px 4px #B8CC6B; box-shadow:4px 4px 4px  
4px #B8CC6B }
```

# Background

The CSS property to change the background color of an element to Hex B8CC6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8CC6B }
```

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

```
.background{ background-color:#B8CC6B }
```

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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