

# Converting Colors

Hex(B7CB6F)

Have a look what the booklet for  
Hex(B7CB6F) contains.

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# **Color**

**Hex(B7CB6F)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | B7CB6F                      |
| RGB         | 183, 203, 111               |
| RGB Percent | 72%, 80%, 44%               |
| CMY         | 0.2824, 0.2039, 0.5647      |
| CMYK        | 0.10, 0.00, 0.45, 0.20      |
| HSL         | 73°, 47%, 62%               |
| HSV         | 73°, 45%, 80%               |
| XYZ         | 43.7536, 53.9268, 23.1418   |
| YIQ         | 186.5320, 17.6120, -32.8520 |

# Conversions

## Conversions Part 2

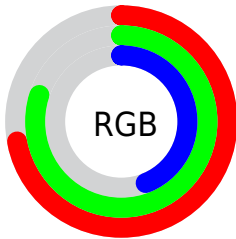
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 111, 203, 131                  |
| Decimal                             | 12045167                       |
| CIELab                              | 78.42, -20.91, 43.44           |
| CIELCh                              | 78, 48.208, 115.709            |
| Yxy                                 | 53.9268, 0.3621,<br>0.4463     |
| Android<br>(android.graphics.Color) | 4290235247<br>(0xFFB7CB6F)     |
| YUV                                 | 186.5320, -37.2373,<br>-3.0976 |
| Hunter-Lab                          | 73.4349, -22.1581,<br>32.7202  |

# Details

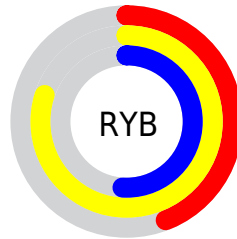
The Hex color **B7CB6F** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **836FCB**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **F0FFA4**, and **80953C** is the 20% darker color. If you saturate the color by 10%, you get **B3CB5B**, and if you desaturate by 10%, it is **BBCB83**.

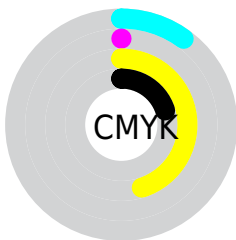
# Distribution



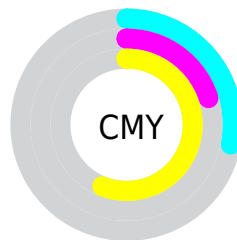
- Red (72%)
- Green (80%)
- Blue (44%)



- Red (44%)
- Yellow (80%)
- Blue (51%)



- Cyan (10%)
- Magenta (0%)
- Yellow (45%)
- Black (20%)



- Cyan (28%)
- Magenta (20%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7CB6F 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 B7CB6F by changing the saturation by 10% instead.



 B7CB6F

 B7CB6F

FFFFFF

 9BB055

 F0FFA4

 80953C

 FFFFC0

 667B23

 FFFFDC

 4C6205

 FFFFF9

 344A00

 1B3400

 001F00

 000000

 B7CB6F

 B7CB6F

 B3CB5B

 BBCB83

 AECB46

 C0CB98

 AACB32

 C4CBAC

 A5CB1E

 C9CBC0

 A1CB0A

 CDCBD5

 9FCB00

 D1CBE9

 D6CBFD

 DACBFF

 DFCBFF

# Harmonies

## Analogous

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



E4BD67



B7CB6F



81D48E

# Triad

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



B7CB6F



00D3FF



FF9ECA

# Complementary

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



B7CB6F



836FCB

# 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.



F4A8F5



B7CB6F



6DC9FF

# Square

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



B7CB6F



00D9E7



BDB9FF



FFA19E

# Rectangle

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



B7CB6F



55D8AA



BDB9FF



FFA0D9

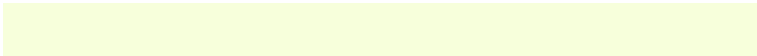


# Sweetspot

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



B7CB6F



F7FFDB



CB836F



7B806A



000000



808080



# Same Dimension

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



B7CB6F



E1FF75



89CB6F



64665C



82A600



1E2600



# Inverse Universe

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



836FCB



9375FF



B16FCB



5E5C66



2400A6



080026



# Previews

## White Background



This preview shows how the Hex color B7CB6F looks on a white background.

## Color Contrast Check

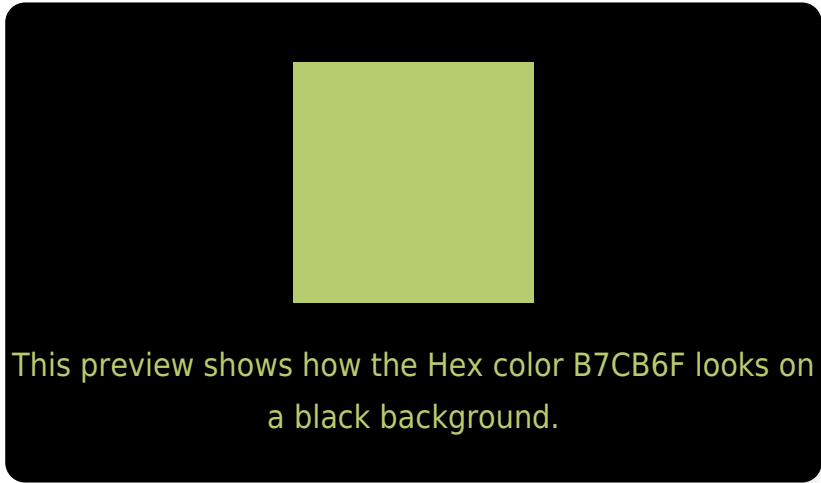
Large Text (above 18pt) WCAG AA × Fail

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

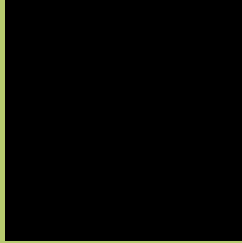
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B7CB6F Background



This preview shows how black text looks on a background with the Hex color B7CB6F.

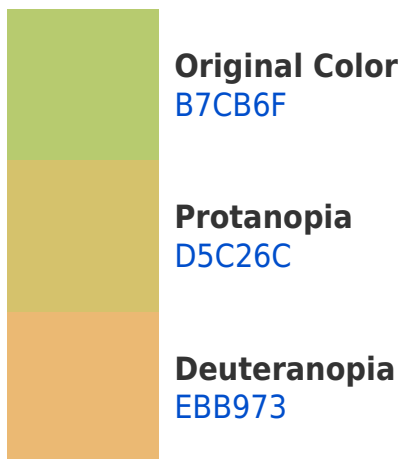


This preview shows how white text looks on a background with the Hex color B7CB6F.

# 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](#).

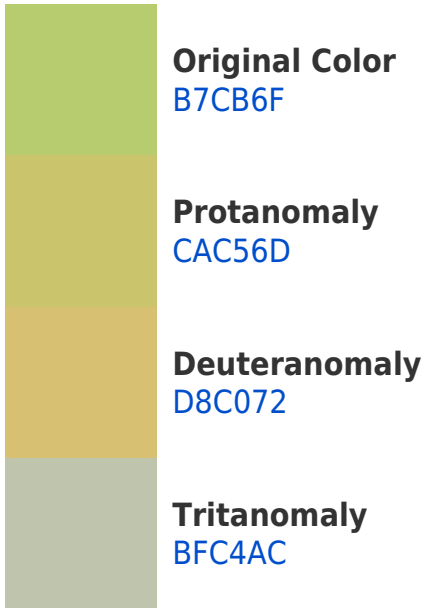
## Dichromacy



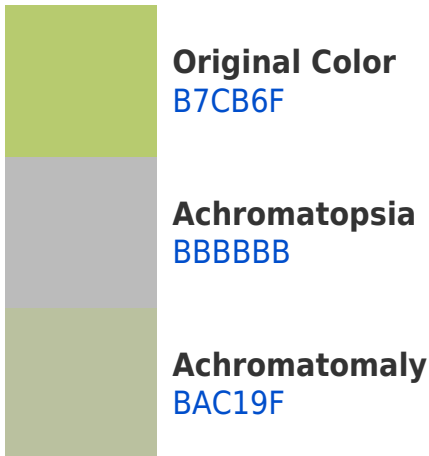


**Tritanopia**  
C3C0CF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7CB6F 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 #B7CB6F looks like.

```
.text, #text, p{  
    color:#B7CB6F  
}
```

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 #B7CB6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7CB6F
}
```

## Border

The CSS property to change the border of an element to Hex B7CB6F 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
#B7CB6F }
```

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

```
.border{ border-color:#B7CB6F }
```

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

Here you see how a box with a 4 pixel #B7CB6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7CB6F; -webkit-box-shadow:4px 4px  
4px 4px #B7CB6F; box-shadow:4px 4px 4px  
4px #B7CB6F }
```

# Background

The CSS property to change the background color of an element to Hex B7CB6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7CB6F }
```

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

```
.background{ background-color:#B7CB6F }
```

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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