

# Converting Colors

Hex(B8C06E)

Have a look what the booklet for  
Hex(B8C06E) contains.

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# **Color**

**Hex(B8C06E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8C06E
RGB	184, 192, 110
RGB Percent	72%, 75%, 43%
CMY	0.2784, 0.2471, 0.5686
CMYK	0.04, 0.00, 0.43, 0.25
HSL	66°, 39%, 59%
HSV	66°, 43%, 75%
XYZ	41.4313, 49.0154, 22.0291
YIQ	180.2600, 21.5540, -27.1980

# Conversions

## Conversions Part 2

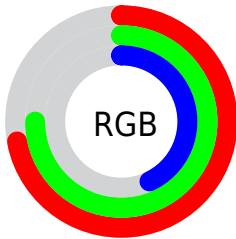
<b>Format</b>	<b>Color</b>
<b>RYB</b>	110, 192, 118
Decimal	12107886
CIELab	75.46, -15.12, 40.28
CIELCh	75, 43.023, 110.571
Yxy	49.0154, 0.3684, 0.4358
Android (android.graphics.Color)	4290297966 (0xFFB8C06E)
YUV	180.2600, -34.6382, 3.2800
Hunter-Lab	70.0110, -16.8861, 30.3520

# Details

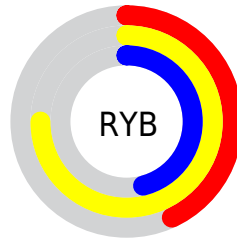
The Hex color **B8C06E** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **766EC0**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **F1F8A3**, and **818B3C** is the 20% darker color. If you saturate the color by 10%, you get **B6C05B**, and if you desaturate by 10%, it is **BAC081**.

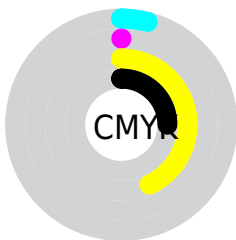
# Distribution



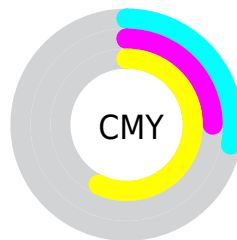
- Red (72%)
- Green (75%)
- Blue (43%)



- Red (43%)
- Yellow (75%)
- Blue (46%)



- Cyan (4%)
- Magenta (0%)
- Yellow (43%)
- Black (25%)



- Cyan (28%)
- Magenta (25%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B8C06E 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 B8C06E by changing the saturation by 10% instead.





B8C06E



B8C06E

FFFFFF



9CA555



F1F8A3



818B3C



FFFFBE



677123



FFFFDB



4E5908



FFFFF7



364100



1D2B00



001800



000000



B8C06E



B8C06E

 B6C05B

 BAC081

 B4C048

 BCC094

 B2C034

 BEC0A8

 B1C021

 BFC0BB

 AFC00E

 C1C0CE

 ADC000

 C3C0E1

 C5C0F4

 C7C0FF

 C9C0FF

# Harmonies

## Analogous

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



DFB36B



B8C06E



8AC986

# Triad

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



B8C06E



00CBF6



FE9CC8

# Complementary

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



B8C06E



766EC0

# 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.



DFA6ED



B8C06E



66C2FF

# Square

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



B8C06E



00CFD4



ACB4FF



FF9CA0

# Rectangle

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



B8C06E



67CD9E



ACB4FF



F79ED5

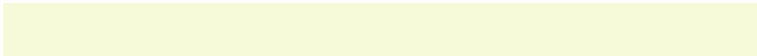


# Sweetspot

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



B8C06E



F7FAD9



C0756E



7B7D69



FCFCFC



7D7D7D



# Same Dimension

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



B8C06E



EDFA7A



90C06E



606157



91A100



1E2100



# Inverse Universe

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



766EC0



877AFA



9E6EC0



585761



1000A1



030021



# Previews

## White Background



This preview shows how the Hex color B8C06E looks on a white background.

## Color Contrast Check

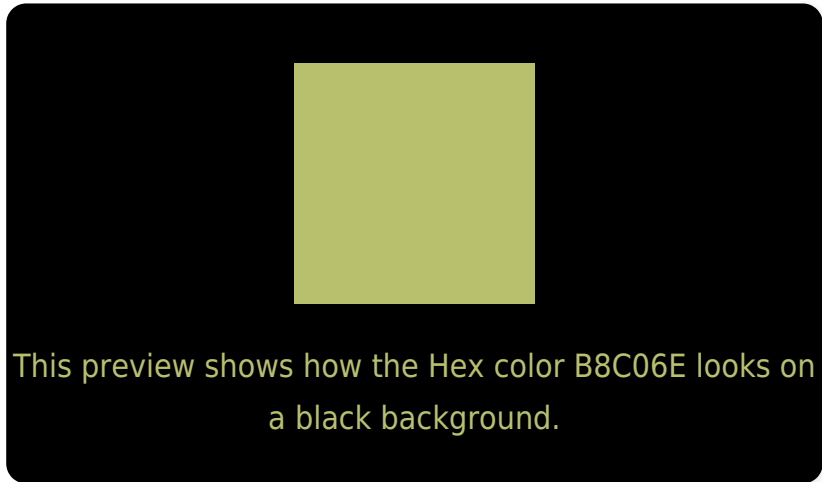
Large Text (above 18pt) WCAG AA × Fail

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

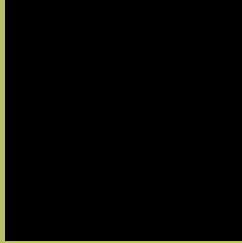
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B8C06E Background



This preview shows how black text looks on a background with the Hex color B8C06E.



This preview shows how white text looks on a background with the Hex color B8C06E.

# 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](#).

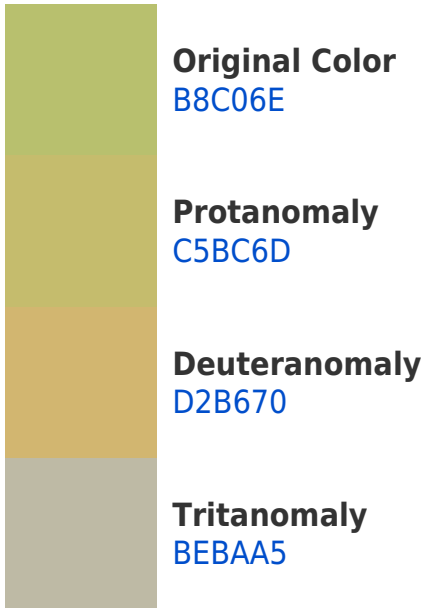
## Dichromacy



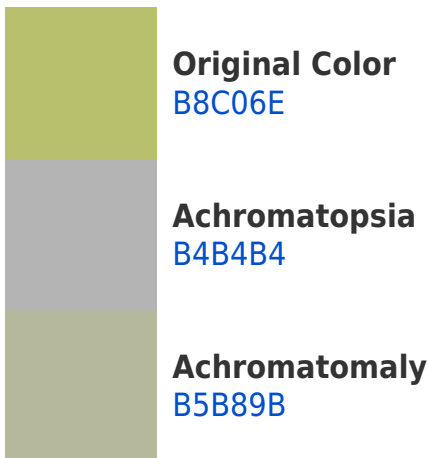


**Tritanopia**  
C2B6C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B8C06E 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 #B8C06E looks like.

```
.text, #text, p{  
    color:#B8C06E  
}
```

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 #B8C06E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8C06E
}
```

## Border

The CSS property to change the border of an element to Hex B8C06E 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
#B8C06E }
```

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

```
.border{ border-color:#B8C06E }
```

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

Here you see how a box with a 4 pixel #B8C06E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8C06E; -webkit-box-shadow:4px 4px  
4px 4px #B8C06E; box-shadow:4px 4px 4px  
4px #B8C06E }
```

# Background

The CSS property to change the background color of an element to Hex B8C06E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8C06E }
```

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

```
.background{ background-color:#B8C06E }
```

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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