

# Converting Colors

Hex(B8B73C)

Have a look what the booklet for  
Hex(B8B73C) contains.

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# **Color**

**Hex(B8B73C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8B73C
RGB	184, 183, 60
RGB Percent	72%, 72%, 24%
CMY	0.2784, 0.2824, 0.7647
CMYK	0.00, 0.01, 0.67, 0.28
HSL	60°, 51%, 48%
HSV	60°, 67%, 72%
XYZ	37.5163, 44.3836, 10.8645
YIQ	169.2770, 40.0790, -38.0410

# Conversions

## Conversions Part 2

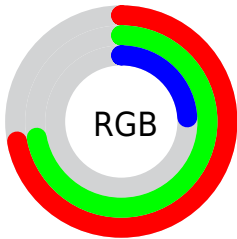
Format	Color
<a href="#">RYB</a>	<a href="#">61, 184, 60</a>
Decimal	<a href="#">12105532</a>
CIELab	<a href="#">72.48, -14.62, 59.79</a>
CIELCh	<a href="#">72, 61.557, 103.743</a>
Yxy	<a href="#">44.3836, 0.4044, 0.4785</a>
Android (android.graphics.Color)	<a href="#">4290295612 (0xFFB8B73C)</a>
YUV	<a href="#">169.2770, -53.8736, 12.9121</a>
Hunter-Lab	<a href="#">66.6210, -16.0681, 36.9657</a>

# Details

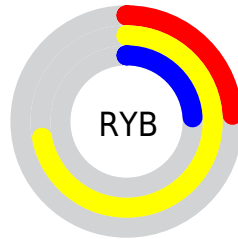
The Hex color **B8B73C** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **3C3DB8**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **F3EF72**, and **808200** is the 20% darker color. If you saturate the color by 10%, you get **B8B72A**, and if you desaturate by 10%, it is **B8B74E**.

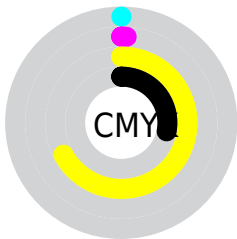
# Distribution



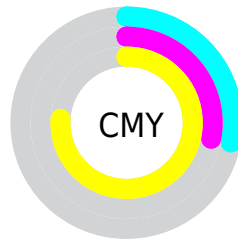
- Red (72%)
- Green (72%)
- Blue (24%)



- Red (24%)
- Yellow (72%)
- Blue (24%)



- Cyan (0%)
- Magenta (1%)
- Yellow (67%)
- Black (28%)



- Cyan (28%)
- Magenta (28%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B8B73C 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 B8B73C by changing the saturation by 10% instead.



 B8B73C

 B8B73C

FFFFFF

 9C9C1E

 F3EF72

 808200

 FFFF8D

 646900


 FFFFA9

 4A5100

 FFFF85

 303A00

 FFFF82

 172500

 001000

 000000

 B8B73C

 B8B73C

 B8B72A

 B8B74E

 B8B717

 B8B761

 B8B705

 B8B773

 B8B700

 B8B886

 B8B898

 B8B8AA

 B8B8BD

 B8B8CF

 B8B8E2

# Harmonies

## Analogous

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



EAA442



B8B73C



79C45C

# Triad

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



B8B73C



00CAFE



FF84D3

# Complementary

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



B8B73C



3C3DB8

# 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.



D798FF



B8B73C



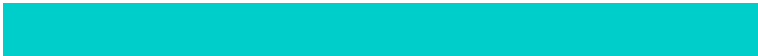
00C1FF

# Square

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



B8B73C



00CECB



7BAFFF



FF809A

# Rectangle

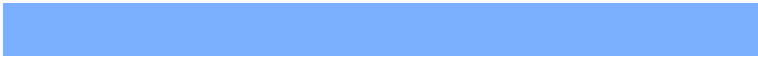
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B8B73C



38CA7E



7BAFFF



FC8AE5



# Sweetspot

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



B8B73C



F0EFC0



B83C3E



78785B



F7F7F7



787878



# Same Dimension

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



B8B73C



F0EE2E



7CB83C



5C5C53



9C9A00



1C1C00



# Inverse Universe

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



3C3DB8



2E2FF0



783CB8



53535C



00019C



00001C



# Previews

## White Background



This preview shows how the Hex color B8B73C looks on a white background.

## Color Contrast Check

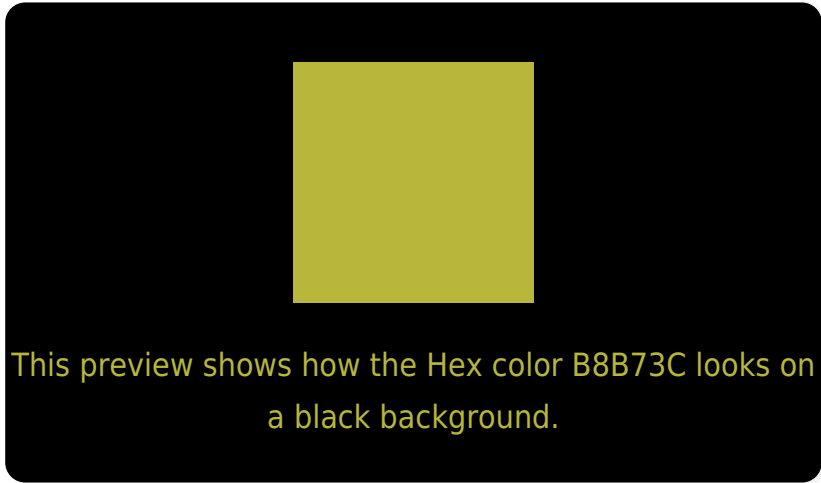
Large Text (above 18pt) WCAG AA × Fail

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 B8B73C Background



This preview shows how black text looks on a background with the Hex color B8B73C.

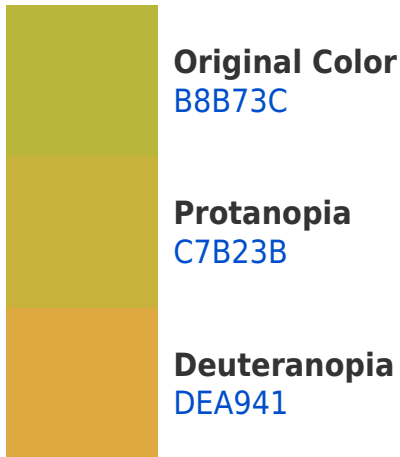


This preview shows how white text looks on a background with the Hex color B8B73C.

# 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**  
C3ABB8

# Trichromacy



**Original Color**  
B8B73C

**Protanomaly**  
C2B43B

**Deuteranomaly**  
D0AE3F

**Tritanomaly**  
BFAF8B

# Monochromacy



**Original Color**  
B8B73C

**Achromatopsia**  
A9A9A9

**Achromatomaly**  
AEAE81

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B8B73C 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 #B8B73C looks like.

```
.text, #text, p{  
    color:#B8B73C  
}
```

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 #B8B73C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8B73C
}
```

## Border

The CSS property to change the border of an element to Hex B8B73C 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
#B8B73C }
```

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

```
.border{ border-color:#B8B73C }
```

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

Here you see how a box with a 4 pixel #B8B73C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8B73C; -webkit-box-shadow:4px 4px  
4px 4px #B8B73C; box-shadow:4px 4px 4px  
4px #B8B73C }
```

# Background

The CSS property to change the background color of an element to Hex B8B73C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8B73C }
```

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

```
.background{ background-color:#B8B73C }
```

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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