

# Converting Colors

Hex(B9C832)

Have a look what the booklet for  
Hex(B9C832) contains.

<b>Hex(B9C832)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(B9C832)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9C832
RGB	185, 200, 50
RGB Percent	73%, 78%, 20%
CMY	0.2745, 0.2157, 0.8039
CMYK	0.08, 0.00, 0.75, 0.22
HSL	66°, 60%, 49%
HSV	66°, 75%, 78%
XYZ	41.2376, 51.8531, 10.8528
YIQ	178.4150, 39.2100, -49.8300

# Conversions

## Conversions Part 2

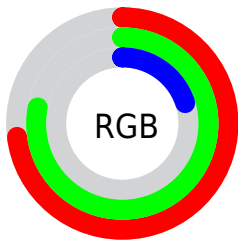
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 200, 65
Decimal	12175410
CIELab	77.19, -23.17, 67.95
CIELCh	77, 71.790, 108.833
Yxy	51.8531, 0.3967, 0.4989
Android (android.graphics.Color)	4290365490 (0xFFB9C832)
YUV	178.4150, -63.3086, 5.7750
Hunter-Lab	72.0091, -23.7941, 41.4705

# Details

The Hex color **B9C832** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted chartreuse. A complement of this color would be **4132C8**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **F4FF6C**, and **809200** is the 20% darker color. If you saturate the color by 10%, you get **B7C81E**, and if you desaturate by 10%, it is **BBC846**.

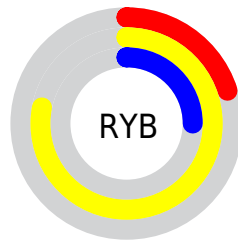
# Distribution



Red (73%)

Green (78%)

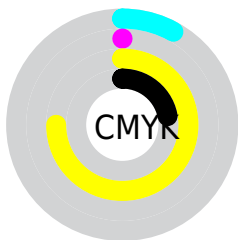
Blue (20%)



Red (20%)

Yellow (78%)

Blue (25%)

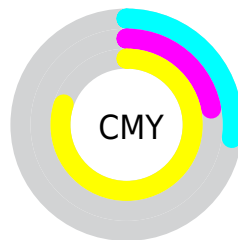


Cyan (8%)

Magenta (0%)

Yellow (75%)

Black (22%)



Cyan (27%)

Magenta (22%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9C832 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 B9C832 by changing the saturation by 10% instead.



 B9C832

 B9C832

FFFFFF

 9CAD09

 F4FF6C

 809200

 FFFF88

 647900

 FFFFA4

 496000

 FFFF00

 2E4800

 FFFFDD

 133100

 FFFFFB

 001E00

 000000

 B9C832

 B9C832

 B7C81E

 BBC846

 B5C80A

 BDC85A

 B4C800

 BFC86E

 C1C882

 C3C896

 C5C8AA

 C7C8BE

 C9C8D2

 CBC8E6

# Harmonies

## Analogous

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



F6B231



B9C832



68D662

# Triad

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



B9C832



00DAFF



FF83DA

# Complementary

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



B9C832



4132C8

# 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.



F69BFF



B9C832



00CDFF

# Square

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



B9C832



00DEE8



91B7FF



FF8298

# Rectangle

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



B9C832



00DB8C



91B7FF



FF89F0



# Sweetspot

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



B9C832



F9FFC4



C84132



7C805C



000000



808080



# Same Dimension

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



B9C832



E8FF19



6EC832



62635A



93A300



202400



# Inverse Universe

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



4132C8



3019FF



8C32C8



5A5A63



1000A3



040024



# Previews

## White Background



This preview shows how the Hex color B9C832 looks on a white background.

## Color Contrast Check

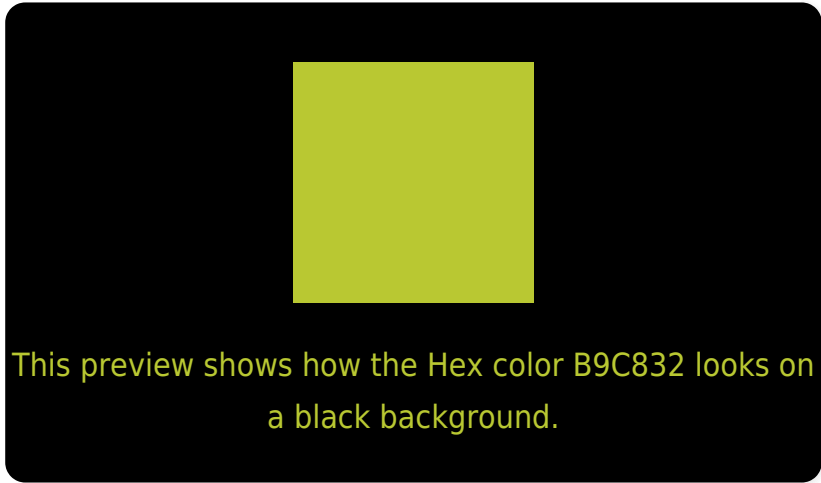
Large Text (above 18pt) WCAG AA × Fail

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 B9C832 Background



This preview shows how black text looks on a background with the Hex color B9C832.

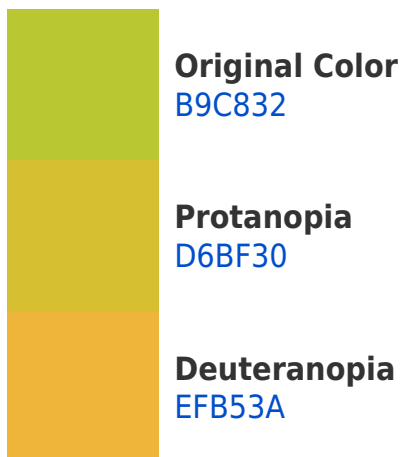



This preview shows how white text looks on a background with the Hex color B9C832.

# 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](#).

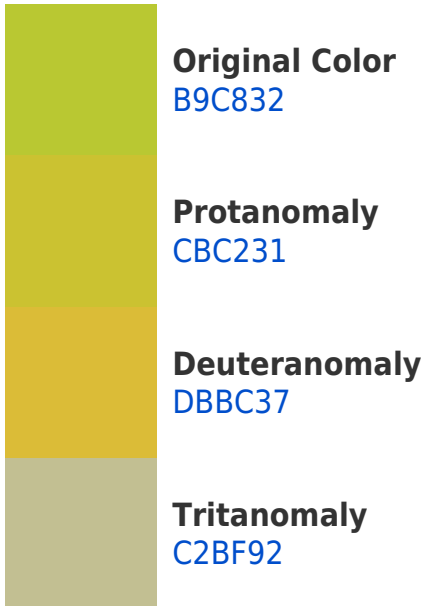
## Dichromacy





**Tritanopia**  
C7BAC9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9C832 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 #B9C832 looks like.

```
.text, #text, p{  
    color:#B9C832  
}
```

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 #B9C832 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9C832
}
```

## Border

The CSS property to change the border of an element to Hex B9C832 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
#B9C832 }
```

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

```
.border{ border-color:#B9C832 }
```

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

Here you see how a box with a 4 pixel #B9C832 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9C832; -webkit-box-shadow:4px 4px  
4px 4px #B9C832; box-shadow:4px 4px 4px  
4px #B9C832 }
```

# Background

The CSS property to change the background color of an element to Hex B9C832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9C832 }
```

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

```
.background{ background-color:#B9C832 }
```

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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