

# Converting Colors

Hex(B9C75F)

Have a look what the booklet for  
Hex(B9C75F) contains.

<b>Hex(B9C75F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(B9C75F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9C75F
RGB	185, 199, 95
RGB Percent	73%, 78%, 37%
CMY	0.2745, 0.2196, 0.6275
CMYK	0.07, 0.00, 0.52, 0.22
HSL	68°, 48%, 58%
HSV	68°, 52%, 78%
XYZ	42.4966, 51.9874, 18.6212
YIQ	182.9580, 25.0400, -35.3120

# Conversions

## Conversions Part 2

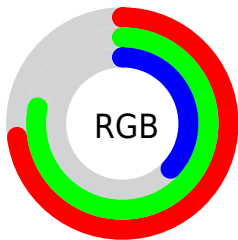
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 199, 109
Decimal	12175199
CIELab	77.27, -19.71, 49.80
CIELCh	77, 53.559, 111.589
Yxy	51.9874, 0.3757, 0.4596
Android (android.graphics.Color)	4290365279 (0xFFB9C75F)
YUV	182.9580, -43.3633, 1.7908
Hunter-Lab	72.1023, -20.9723, 35.1593

# Details

The Hex color **B9C75F** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted chartreuse. A complement of this color would be **6D5FC7**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **F3FF94**, and **82912B** is the 20% darker color. If you saturate the color by 10%, you get **B6C74B**, and if you desaturate by 10%, it is **BCC773**.

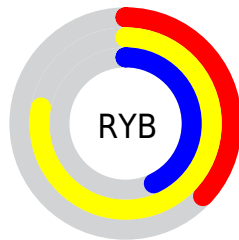
# Distribution



Red (73%)

Green (78%)

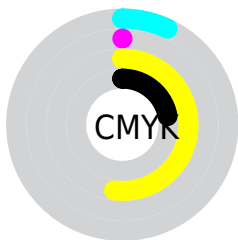
Blue (37%)



Red (37%)

Yellow (78%)

Blue (43%)

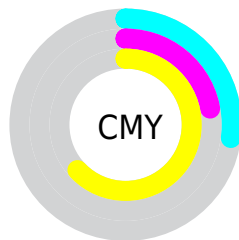


Cyan (7%)

Magenta (0%)

Yellow (52%)

Black (22%)



Cyan (27%)

Magenta (22%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9C75F 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 B9C75F by changing the saturation by 10% instead.



 B9C75F

 B9C75F

FFFFFF

 9DAC45

 F3FF94

 82912B

 FFFFB0

 67780C

 FFFFCC

 4D5F00

 FFFFFE8

 344700

 1A3100

 001D00

 000000

 B9C75F

 B9C75F

 B6C74B

 BCC773

 B4C737

 BEC787

 B1C723

 C1C79B

 AEC70F

 C4C7AF

 ACC700

 C6C7C3

 C9C7D6

 CCC7EA

 CEC7FE

 D1C7FF

# Harmonies

## Analogous

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



E9B75B



B9C75F



7ED27F

# Triad

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



B9C75F



00D3FF



FF97CF

# Complementary

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



B9C75F



6D5FC7

# 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.



EFA4FD



B9C75F



3DC8FF

# Square

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



B9C75F



00D8E2



ADB7FF



FF979D

# Rectangle

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



B9C75F



49D69E



ADB7FF



FF9ADF

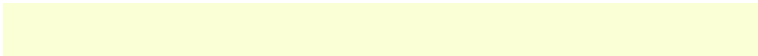


# Sweetspot

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



B9C75F



FAFFD6



C76D5F



7C8067



000000



808080



# Same Dimension

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



B9C75F



E9FF5E



85C75F



62635A



8DA300



1F2400



# Inverse Universe

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



6D5FC7



745EFF



A15FC7



5B5A63



1600A3



050024



# Previews

## White Background



This preview shows how the Hex color B9C75F looks on a white background.

## Color Contrast Check

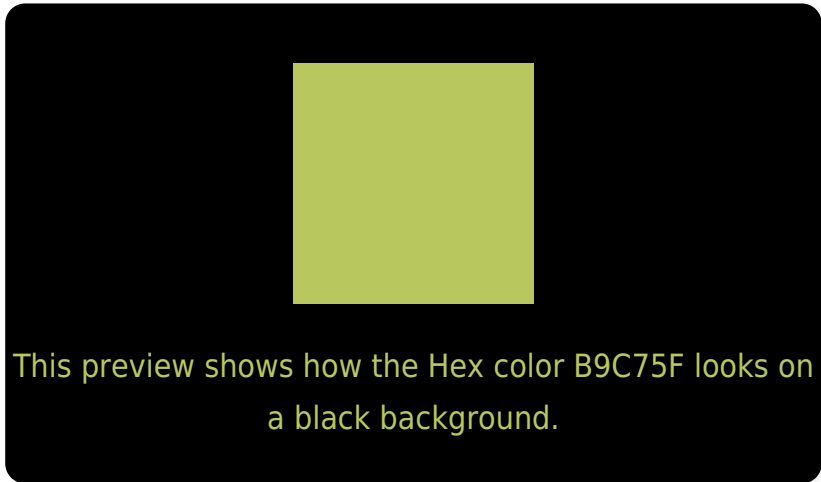
Large Text (above 18pt) WCAG AA × Fail

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

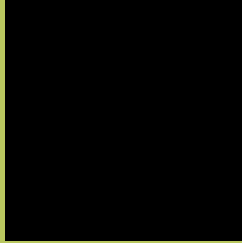
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B9C75F Background



This preview shows how black text looks on a background with the Hex color B9C75F.

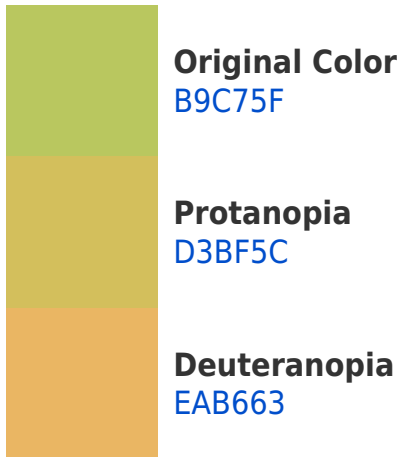


This preview shows how white text looks on a background with the Hex color B9C75F.

# 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](#).

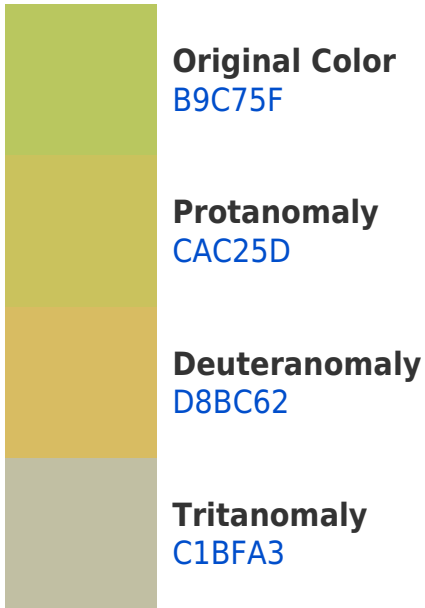
## Dichromacy





**Tritanopia**  
C5BBCA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9C75F 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 #B9C75F looks like.

```
.text, #text, p{  
    color:#B9C75F  
}
```

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 #B9C75F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9C75F
}
```

## Border

The CSS property to change the border of an element to Hex B9C75F 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
#B9C75F }
```

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

```
.border{ border-color:#B9C75F }
```

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

Here you see how a box with a 4 pixel #B9C75F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9C75F; -webkit-box-shadow:4px 4px  
4px 4px #B9C75F; box-shadow:4px 4px 4px  
4px #B9C75F }
```

# Background

The CSS property to change the background color of an element to Hex B9C75F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9C75F }
```

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

```
.background{ background-color:#B9C75F }
```

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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