

# Converting Colors

Hex(B9CC47)

Have a look what the booklet for  
Hex(B9CC47) contains.

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**Color**

**Hex(B9CC47)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9CC47
RGB	185, 204, 71
RGB Percent	73%, 80%, 28%
CMY	0.2745, 0.2000, 0.7216
CMYK	0.09, 0.00, 0.65, 0.20
HSL	69°, 57%, 54%
HSV	69°, 65%, 80%
XYZ	42.7378, 53.9550, 14.1231
YIQ	183.1570, 31.3690, -45.3910

# Conversions

## Conversions Part 2

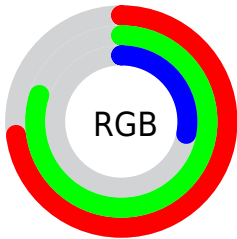
<b>Format</b>	<b>Color</b>
<b>RYB</b>	71, 204, 90
Decimal	12176455
CIELab	78.44, -23.99, 61.58
CIELCh	78, 66.089, 111.288
Yxy	53.9550, 0.3857, 0.4869
Android (android.graphics.Color)	4290366535 (0xFFB9CC47)
YUV	183.1570, -55.2934, 1.6163
Hunter-Lab	73.4540, -24.6879, 40.0181

# Details

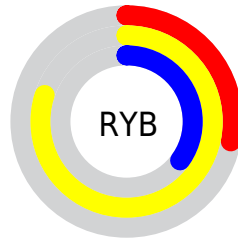
The Hex color **B9CC47** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted chartreuse. A complement of this color would be **5A47CC**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **F4FF7E**, and **819600** is the 20% darker color. If you saturate the color by 10%, you get **B6CC33**, and if you desaturate by 10%, it is **BCCC5B**.

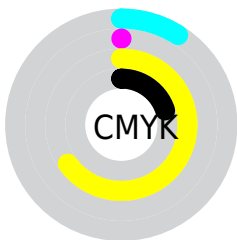
# Distribution



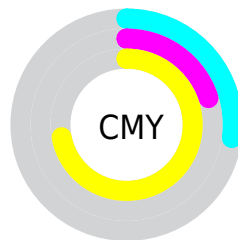
- Red (73%)
- Green (80%)
- Blue (28%)



- Red (28%)
- Yellow (80%)
- Blue (35%)



- Cyan (9%)
- Magenta (0%)
- Yellow (65%)
- Black (20%)



- Cyan (27%)
- Magenta (20%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9CC47 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 B9CC47 by changing the saturation by 10% instead.



 B9CC47

 B9CC47

FFFFFF

 9DB12A

 F4FF7E

 819600

 FFFF99

 657C00

 FFFFB5

 4B6300

 FFFFDD

 304B00

 FFFFEE

 153400

 002000

 000000

 B9CC47

 B9CC47

 B6CC33

 BCCC5B

 B3CC1E

 BFCC70

 B0CC0A

 C2CC84

 AFCC00

 C5CC99

 C8CCAD

 CACCC1

 CDCCD6

 D0CCEA

 D3CCFF

# Harmonies

## Analogous

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



F3B942



B9CC47



6ED972

# Triad

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



B9CC47



00DBFF



FF8DD7

# Complementary

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



B9CC47



5A47CC

# 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.



FCA0FF



B9CC47



00CEFF

# Square

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



B9CC47



00E0ED



A5B9FF



FF8E99

# Rectangle

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



B9CC47



00DE98



A5B9FF



FF91EB

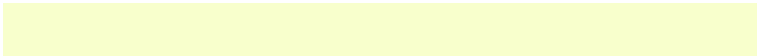


# Sweetspot

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



B9CC47



F8FFCC



CC5947



7B8061



000000



808080



# Same Dimension

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



B9CC47



E3FF38



78CC47



65665C



8EA600



212600



# Inverse Universe

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



5A47CC



5538FF



9B47CC



5D5C66



1800A6



050026



# Previews

## White Background



This preview shows how the Hex color B9CC47 looks on a white background.

## Color Contrast Check

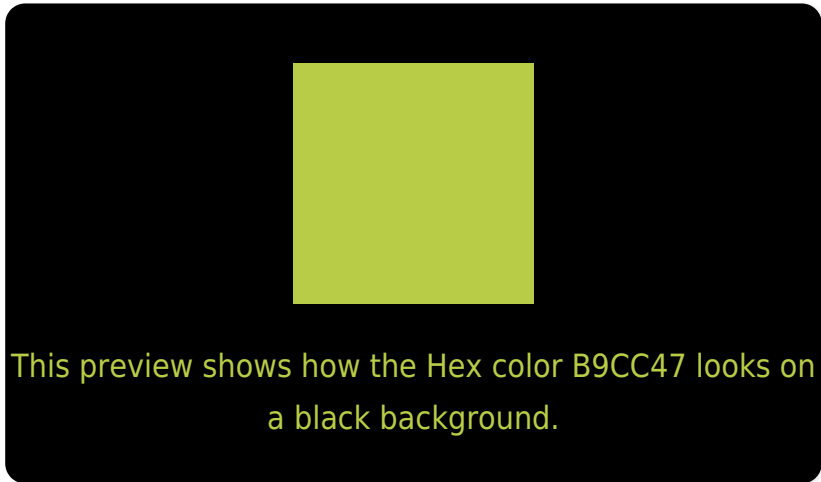
Large Text (above 18pt) WCAG AA × Fail

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 B9CC47 Background



This preview shows how black text looks on a background with the Hex color B9CC47.

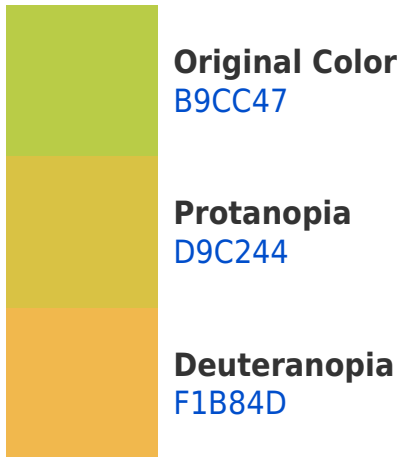


This preview shows how white text looks on a background with the Hex color B9CC47.

# 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**  
C7BFCE

# Trichromacy



**Original Color**  
B9CC47

**Protanomaly**  
CDC645

**Deuteranomaly**  
DDBF4B

**Tritanomaly**  
C2C49D

# Monochromacy



**Original Color**  
B9CC47

**Achromatopsia**  
B7B7B7

**Achromatomaly**  
B8BF8E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9CC47 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 #B9CC47 looks like.

```
.text, #text, p{  
    color:#B9CC47  
}
```

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 #B9CC47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9CC47
}
```

## Border

The CSS property to change the border of an element to Hex B9CC47 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
#B9CC47 }
```

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

```
.border{ border-color:#B9CC47 }
```

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

Here you see how a box with a 4 pixel #B9CC47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9CC47; -webkit-box-shadow:4px 4px  
4px 4px #B9CC47; box-shadow:4px 4px 4px  
4px #B9CC47 }
```

# Background

The CSS property to change the background color of an element to Hex B9CC47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9CC47 }
```

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

```
.background{ background-color:#B9CC47 }
```

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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