

# Converting Colors

Hex(B9C563)

Have a look what the booklet for  
Hex(B9C563) contains.

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# **Color**

**Hex(B9C563)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9C563
RGB	185, 197, 99
RGB Percent	73%, 77%, 39%
CMY	0.2745, 0.2275, 0.6118
CMYK	0.06, 0.00, 0.50, 0.23
HSL	67°, 46%, 58%
HSV	67°, 50%, 77%
XYZ	42.2260, 51.1476, 19.4513
YIQ	182.2400, 24.3060, -33.0220

# Conversions

## Conversions Part 2

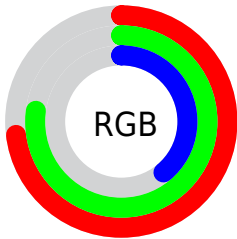
Format	Color
<b>RYB</b>	99, 197, 111
Decimal	12174691
CIELab	76.77, -18.34, 47.31
CIELCh	77, 50.737, 111.195
Yxy	51.1476, 0.3743, 0.4533
Android (android.graphics.Color)	4290364771 (0xFFB9C563)
YUV	182.2400, -41.0373, 2.4205
Hunter-Lab	71.5176, -19.7644, 33.9366

# Details

The Hex color **B9C563** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6F63C5**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **F3FE98**, and **828F30** is the 20% darker color. If you saturate the color by 10%, you get **B7C54F**, and if you desaturate by 10%, it is **BBC577**.

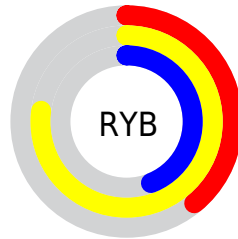
# Distribution



Red (73%)

Green (77%)

Blue (39%)



Red (39%)

Yellow (77%)

Blue (44%)

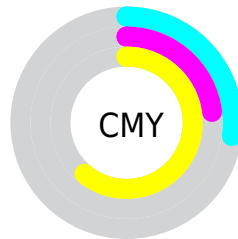


Cyan (6%)

Magenta (0%)

Yellow (50%)

Black (23%)



Cyan (27%)

Magenta (23%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9C563 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 B9C563 by changing the saturation by 10% instead.



 B9C563

 B9C563

FFFFFF

 9DAA49

 F3FE98

 828F30

 FFFFB3

 677614

 FFFF00

 4D5D00

 FFFFEC

 354500

 1B2F00

 001C00

 000000

 B9C563

 B9C563

 B7C54F

 BBC577

 B4C53C

 BEC58A

 B2C528

 C0C59E

 AFC514

 C3C5B2

 ADC500

 C5C5C6

 C7C5D9

 CAC5ED

 CCC5FF

 CFC5FF

# Harmonies

## Analogous

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



E6B65F



B9C563



82CF81

# Triad

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



B9C563



00D1FF



FF98CD

# Complementary

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



B9C563



6F63C5

# 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.



EAA5F9



B9C563



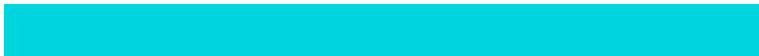
4BC6FF

# Square

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



B9C563



00D5DE



ACB7FF



FF999E

# Rectangle

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



B9C563



53D49E



ACB7FF



FF9BDD



# Sweetspot

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



B9C563



FAFFD9



C56E63



7D8069



000000



808080



# Same Dimension

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



B9C563



ECFF66



89C563



62635A



8FA300



1F2400



# Inverse Universe

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



6F63C5



7966FF



9F63C5



5B5A63



1400A3



040024



# Previews

## White Background



This preview shows how the Hex color B9C563 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



This preview shows how the Hex color B9C563 looks on a 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 B9C563 Background



This preview shows how black text looks on a background with the Hex color B9C563.

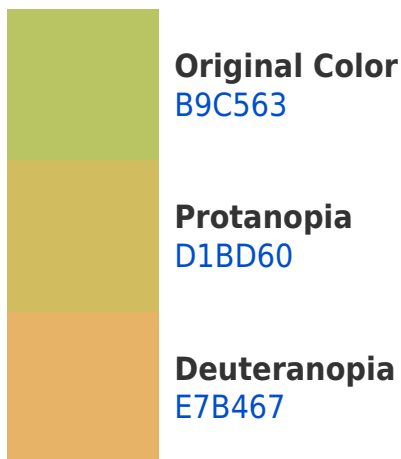



This preview shows how white text looks on a background with the Hex color B9C563.

# 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](#).

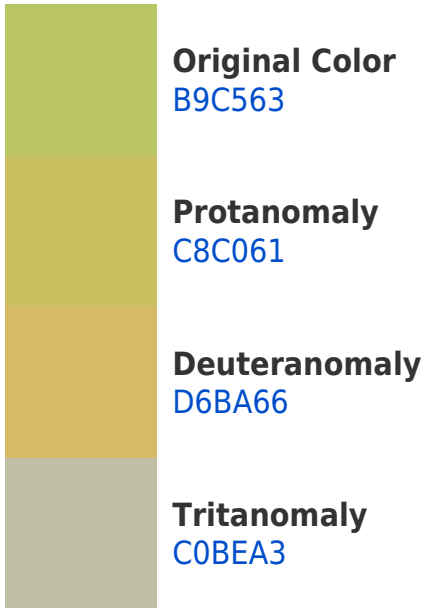
## Dichromacy



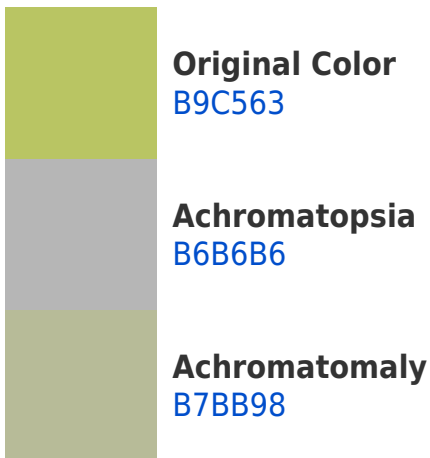


**Tritanopia**  
C4BAC8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9C563 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 #B9C563 looks like.

```
.text, #text, p{  
    color:#B9C563  
}
```

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 #B9C563 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9C563
}
```

## Border

The CSS property to change the border of an element to Hex B9C563 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
#B9C563 }
```

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

```
.border{ border-color:#B9C563 }
```

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

Here you see how a box with a 4 pixel #B9C563 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9C563; -webkit-box-shadow:4px 4px  
4px 4px #B9C563; box-shadow:4px 4px 4px  
4px #B9C563 }
```

# Background

The CSS property to change the background color of an element to Hex B9C563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9C563 }
```

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

```
.background{ background-color:#B9C563 }
```

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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