

# Converting Colors

Hex(B9C971)

Have a look what the booklet for  
Hex(B9C971) contains.

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**Color**

**Hex(B9C971)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9C971
RGB	185, 201, 113
RGB Percent	73%, 79%, 44%
CMY	0.2745, 0.2118, 0.5569
CMYK	0.08, 0.00, 0.44, 0.21
HSL	71°, 45%, 62%
HSV	71°, 44%, 79%
XYZ	43.8749, 53.2798, 23.5944
YIQ	186.1840, 18.7120, -30.7600

# Conversions

## Conversions Part 2

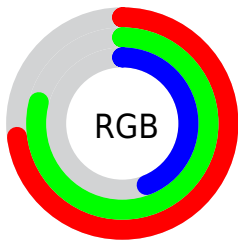
Format	Color
<a href="#">RYB</a>	<a href="#">113, 201, 129</a>
Decimal	<a href="#">12175729</a>
CIELab	<a href="#">78.04, -18.92, 42.01</a>
CIELCh	<a href="#">78, 46.074, 114.248</a>
Yxy	<a href="#">53.2798, 0.3634, 0.4412</a>
Android (android.graphics.Color)	<a href="#">4290365809 (0xFFB9C971)</a>
YUV	<a href="#">186.1840, -36.0797, -1.0384</a>
Hunter-Lab	<a href="#">72.9930, -20.4445, 31.9301</a>

# Details

The Hex color **B9C971** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **8171C9**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **F2FFA6**, and **82933E** is the 20% darker color. If you saturate the color by 10%, you get **B5C95D**, and if you desaturate by 10%, it is **BDC985**.

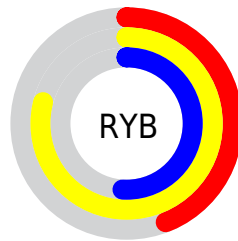
# Distribution



Red (73%)

Green (79%)

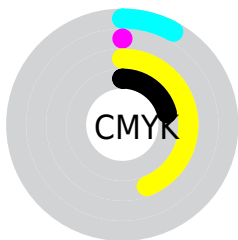
Blue (44%)



Red (44%)

Yellow (79%)

Blue (51%)

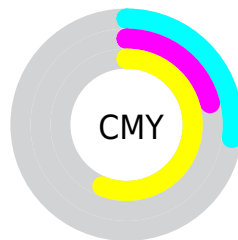


Cyan (8%)

Magenta (0%)

Yellow (44%)

Black (21%)



Cyan (27%)

Magenta (21%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9C971 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 B9C971 by changing the saturation by 10% instead.



 B9C971

 B9C971

FFFFFF

 9DAE57

 F2FFA6

 82933E

 FFFFC2

 687925

 FFFFDE

 4E6009

 FFFFFB

 364900

 1D3200

 001E00

 000000

 B9C971

 B9C971

 B5C95D

 BDC985

 B2C949

 C0C999

 AEC935

 C4C9AD

 AAC921

 C8C9C1

 A7C90C

 CBC9D6

 A4C900

 CFC9EA

 D3C9FE

 D6C9FF

 DAC9FF

# Harmonies

## Analogous

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



E4BC6B



B9C971



87D28D

# Triad

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



B9C971



00D2FF



FF9FCB

# Complementary

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



B9C971



8171C9

# 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.



EFA9F3



B9C971



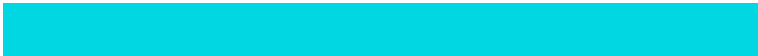
6EC8FF

# Square

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



B9C971



00D7E3



B9B9FF



FFA1A0

# Rectangle

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



B9C971



5ED6A8



B9B9FF



FFA2D9

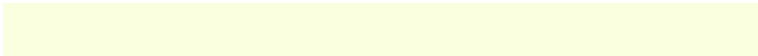


# Sweetspot

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



B9C971



F9FFDE



C98071



7C806B



000000



808080



# Same Dimension

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



B9C971



E6FF78



8EC971



62635A



86A300



1D2400



# Inverse Universe

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



8171C9



9078FF



AC71C9



5B5A63



1E00A3



060024



# Previews

## White Background



This preview shows how the Hex color B9C971 looks on a white background.

## Color Contrast Check

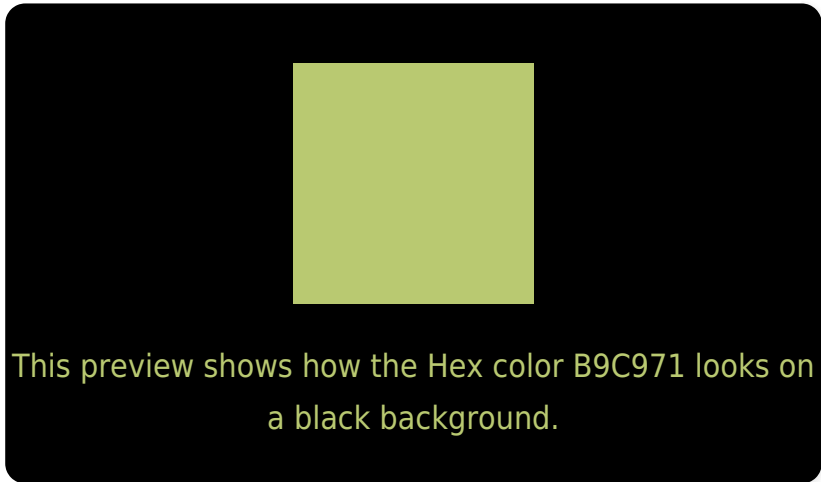
Large Text (above 18pt) WCAG AA × Fail

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

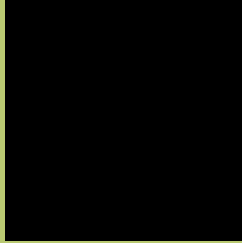
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B9C971 Background



This preview shows how black text looks on a background with the Hex color B9C971.

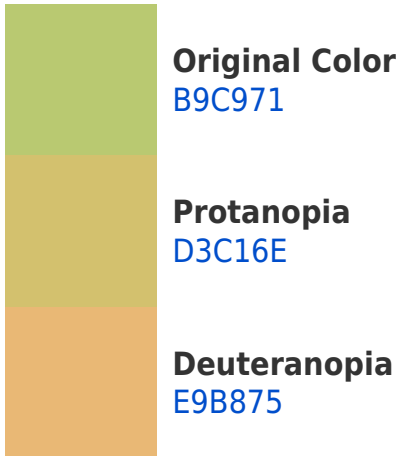


This preview shows how white text looks on a background with the Hex color B9C971.

# 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](#).

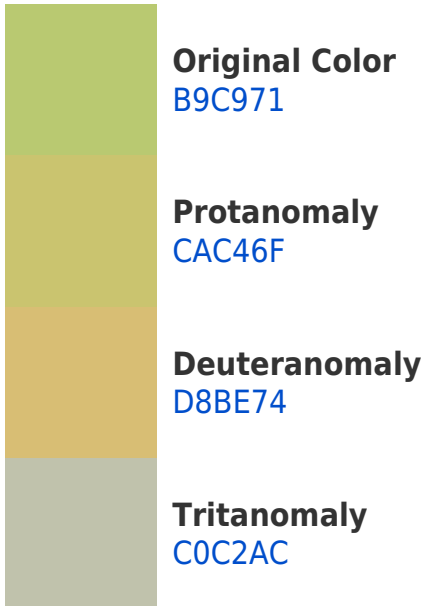
## Dichromacy



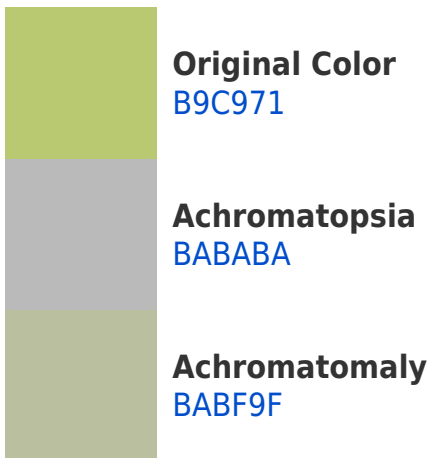


**Tritanopia**  
C4BECD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9C971 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 #B9C971 looks like.

```
.text, #text, p{  
    color:#B9C971  
}
```

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 #B9C971 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9C971
}
```

## Border

The CSS property to change the border of an element to Hex B9C971 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
#B9C971 }
```

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

```
.border{ border-color:#B9C971 }
```

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

Here you see how a box with a 4 pixel #B9C971 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9C971; -webkit-box-shadow:4px 4px  
4px 4px #B9C971; box-shadow:4px 4px 4px  
4px #B9C971 }
```

# Background

The CSS property to change the background color of an element to Hex B9C971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9C971 }
```

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

```
.background{ background-color:#B9C971 }
```

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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