

# Converting Colors

Hex(B9C974)

Have a look what the booklet for  
Hex(B9C974) contains.

<b>Hex(B9C974)</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(B9C974)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9C974
RGB	185, 201, 116
RGB Percent	73%, 79%, 45%
CMY	0.2745, 0.2118, 0.5451
CMYK	0.08, 0.00, 0.42, 0.21
HSL	71°, 44%, 62%
HSV	71°, 42%, 79%
XYZ	44.0466, 53.3485, 24.4988
YIQ	186.5260, 17.7490, -29.8270

# Conversions

## Conversions Part 2

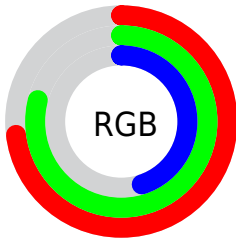
<b>Format</b>	<b>Color</b>
<b>RYB</b>	116, 201, 132
Decimal	12175732
CIELab	78.08, -18.59, 40.56
CIElCh	78, 44.621, 114.625
Yxy	53.3485, 0.3614, 0.4377
Android (android.graphics.Color)	4290365812 (0xFFB9C974)
YUV	186.5260, -34.7693, -1.3383
Hunter-Lab	73.0401, -20.1762, 31.2413

# Details

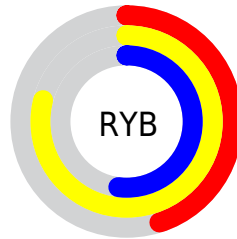
The Hex color **B9C974** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **8474C9**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **F2FFA9**, and **829341** is the 20% darker color. If you saturate the color by 10%, you get **B5C960**, and if you desaturate by 10%, it is **BDC988**.

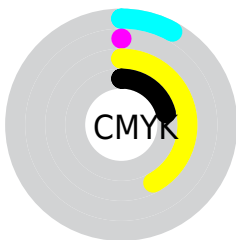
# Distribution



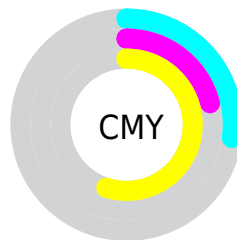
- Red (73%)
- Green (79%)
- Blue (45%)



- Red (45%)
- Yellow (79%)
- Blue (52%)



- Cyan (8%)
- Magenta (0%)
- Yellow (42%)
- Black (21%)



- Cyan (27%)
- Magenta (21%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9C974 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 B9C974 by changing the saturation by 10% instead.



 B9C974

 B9C974

FFFFFF

 9DAE5A

 F2FFA9

 829341

 FFFFC5

 687929

 FFFFE1

 4F600E

FFFFFFE

 364900

 1E3200

 001E00

 000000

 B9C974

 B9C974

 B5C960

 BDC988

 B1C94C

 C1C99C

 AEC938

 C4C9B0

 AAC924

 C8C9C4

 A6C910

 CCC9D9

 A3C900

 D0C9ED

 D3C9FF

 D7C9FF

 DBC9FF

# Harmonies

## Analogous

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



E2BC6E



B9C974



88D290

# Triad

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



B9C974



00D2FF



FFA1CA

# Complementary

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



B9C974



8474C9

# 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.



EAAAF2



B9C974



74C7FF

# Square

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



B9C974



00D6E2



BAB9FF



FFA2A1

# Rectangle

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



B9C974



62D6AA



BAB9FF



FFA3D8

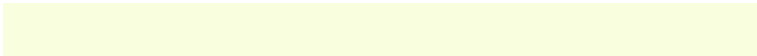


# Sweetspot

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



B9C974



F9FFDE



C98474



7C806B



000000



808080



# Same Dimension

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



B9C974



E7FF7D



8FC974



62635A



84A300



1D2400



# Inverse Universe

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



8474C9



957DFF



AE74C9



5B5A63



1F00A3



070024



# Previews

## White Background



This preview shows how the Hex color B9C974 looks on a white background.

## Color Contrast Check

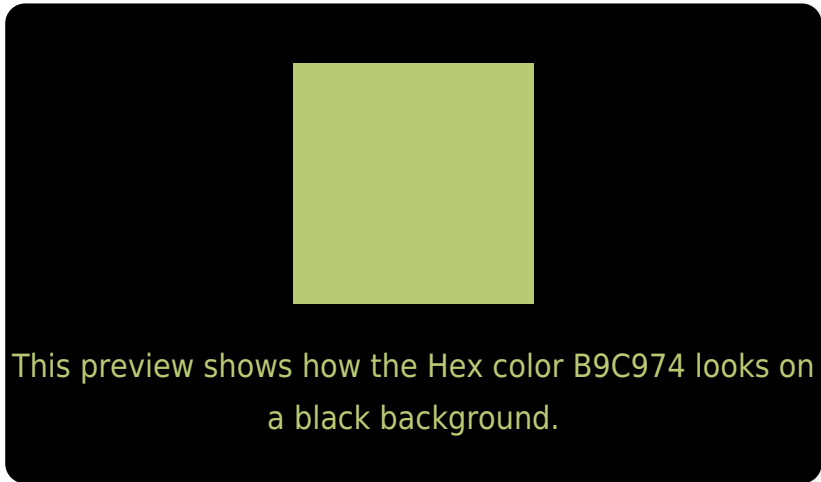
Large Text (above 18pt) WCAG AA × Fail

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

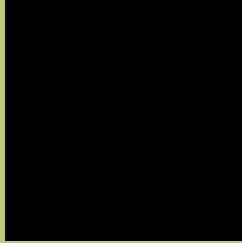
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

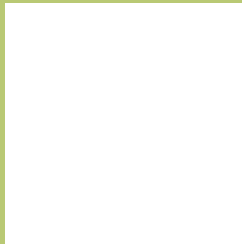
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B9C974 Background



This preview shows how black text looks on a background with the Hex color B9C974.

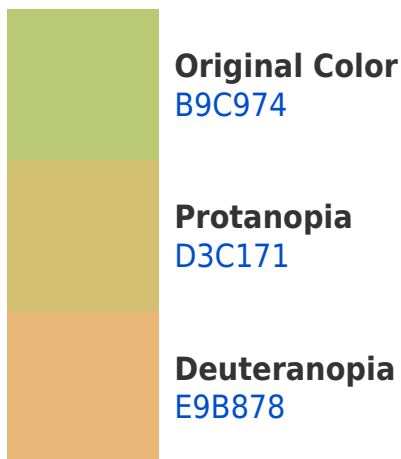


This preview shows how white text looks on a background with the Hex color B9C974.

# 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](#).

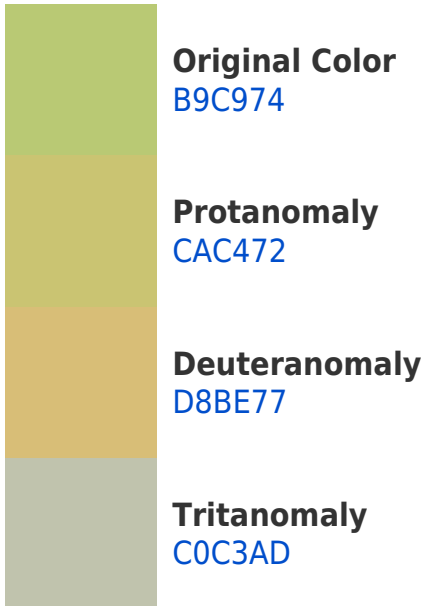
## Dichromacy



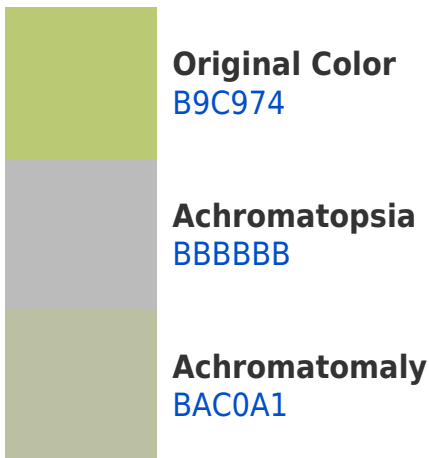


**Tritanopia**  
C4BFCE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9C974 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 #B9C974 looks like.

```
.text, #text, p{  
    color:#B9C974  
}
```

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 #B9C974 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9C974
}
```

## Border

The CSS property to change the border of an element to Hex B9C974 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
#B9C974 }
```

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

```
.border{ border-color:#B9C974 }
```

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

Here you see how a box with a 4 pixel #B9C974 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9C974; -webkit-box-shadow:4px 4px  
4px 4px #B9C974; box-shadow:4px 4px 4px  
4px #B9C974 }
```

# Background

The CSS property to change the background color of an element to Hex B9C974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9C974 }
```

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

```
.background{ background-color:#B9C974 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor