

Converting Colors

Hex(B9C874)

Have a look what the booklet for
Hex(B9C874) contains.

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Color

Hex(B9C874)

Conversions

Conversions Part 1

Format	Color
Hex	B9C874
RGB	185, 200, 116
RGB Percent	73%, 78%, 45%
CMY	0.2745, 0.2157, 0.5451
CMYK	0.08, 0.00, 0.42, 0.22
HSL	71°, 43%, 62%
HSV	71°, 42%, 78%
XYZ	43.8142, 52.8838, 24.4213
YIQ	185.9390, 18.0240, -29.3040

Conversions

Conversions Part 2

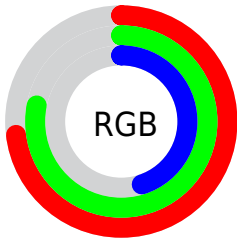
Format	Color
RYB	116, 200, 131
Decimal	12175476
CIELab	77.81, -18.09, 40.22
CIELCh	78, 44.102, 114.221
Yxy	52.8838, 0.3617, 0.4366
Android (android.graphics.Color)	4290365556 (0xFFB9C874)
YUV	185.9390, -34.4799, -0.8235
Hunter-Lab	72.7212, -19.7167, 30.9940

Details

The Hex color **B9C874** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **8374C8**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **F2FFA9**, and **829242** is the 20% darker color. If you saturate the color by 10%, you get **B5C860**, and if you desaturate by 10%, it is **BDC888**.

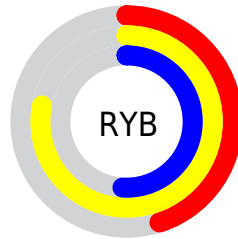
Distribution



Red (73%)

Green (78%)

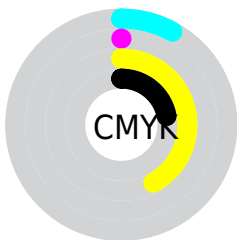
Blue (45%)



Red (45%)

Yellow (78%)

Blue (51%)

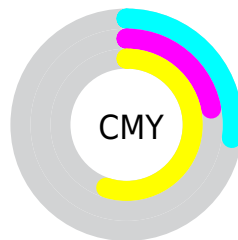


Cyan (8%)

Magenta (0%)

Yellow (42%)

Black (22%)



Cyan (27%)

Magenta (22%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color B9C874 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 B9C874 by changing the saturation by 10% instead.



B9C874



B9C874

FFFFFF



9DAD5A



F2FFA9



829242



FFFFC5



687829



FFFFE1



4F600F

FFFFFFE



364800



1E3100



001D00



000000



B9C874



B9C874

 B5C860

 BDC888

 B2C84C

 C0C89C

 AEC838

 C4C8B0

 ABC824

 C7C8C4

 A7C810

 CBC8D8

 A4C800

 CEC8EC

 D2C8FF

 D6C8FF

 D9C8FF

Harmonies

Analogous

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



E2BB6E



B9C874



89D18F

Triad

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



B9C874



03D1FF



FFA1CA

Complementary

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



B9C874



8374C8

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.



ECAAF1



B9C874



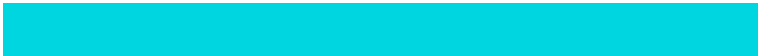
73C7FF

Square

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



B9C874



00D6E0



B9B9FF



FFA2A1

Rectangle

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



B9C874



64D4A9



B9B9FF



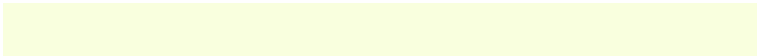
FFA3D8

Sweetspot

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



B9C874



F9FFDE



C88274



7C806B



000000



808080

Same Dimension

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



B9C874



E8FF80



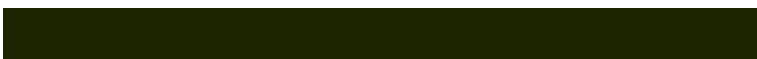
90C874



62635A



86A300



1D2400

Inverse Universe

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



8374C8



9680FF



AC74C8



5B5A63



1D00A3



060024

Previews

White Background



This preview shows how the Hex color B9C874 looks on a white background.

Color Contrast Check

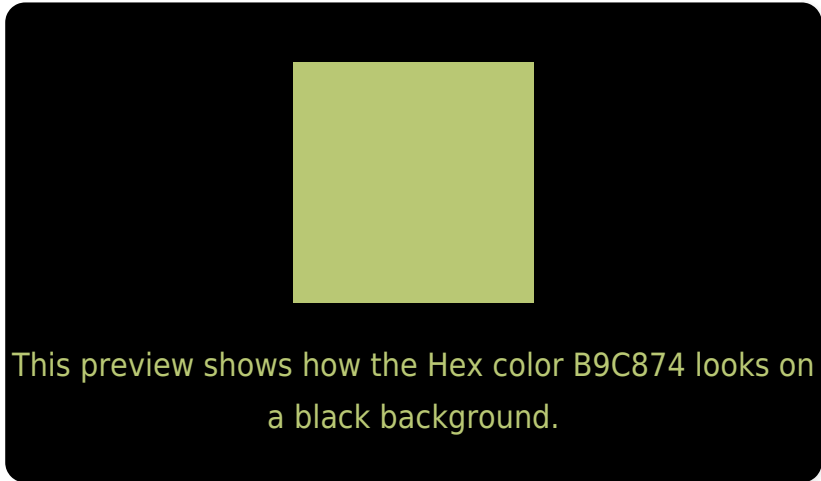
Large Text (above 18pt) WCAG AA × Fail

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 B9C874 Background



This preview shows how black text looks on a background with the Hex color B9C874.

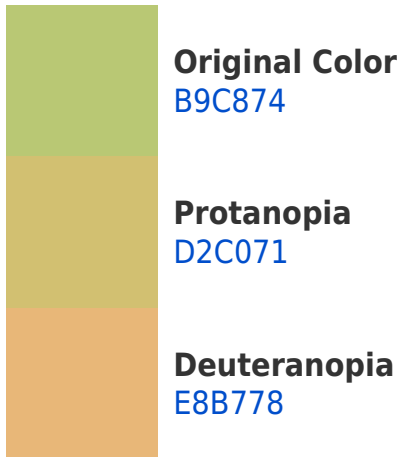


This preview shows how white text looks on a background with the Hex color B9C874.

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](#).

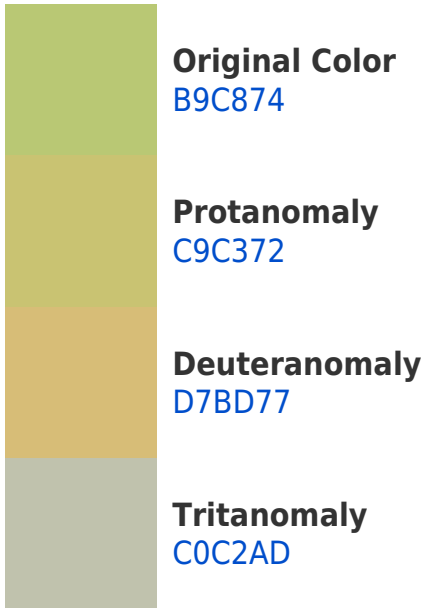
Dichromacy



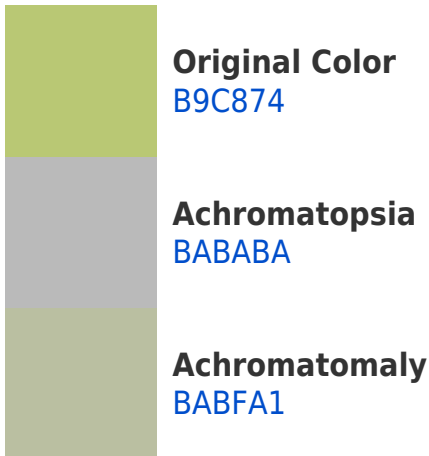


Tritanopia
C4BECD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B9C874 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 #B9C874 looks like.

```
.text, #text, p{  
    color:#B9C874  
}
```

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 #B9C874 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9C874
}
```

Border

The CSS property to change the border of an element to Hex B9C874 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
#B9C874 }
```

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

```
.border{ border-color:#B9C874 }
```

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

Here you see how a box with a 4 pixel #B9C874 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9C874; -webkit-box-shadow:4px 4px  
4px 4px #B9C874; box-shadow:4px 4px 4px  
4px #B9C874 }
```

Background

The CSS property to change the background color of an element to Hex B9C874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9C874 }
```

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

```
.background{ background-color:#B9C874 }
```

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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