

# Converting Colors

Hex(B9B865)

Have a look what the booklet for  
Hex(B9B865) contains.

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**Color**

**Hex(B9B865)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9B865
RGB	185, 184, 101
RGB Percent	73%, 72%, 40%
CMY	0.2745, 0.2784, 0.6039
CMYK	0.00, 0.01, 0.45, 0.27
HSL	59°, 38%, 56%
HSV	59°, 45%, 73%
XYZ	39.4970, 45.5349, 19.0193
YIQ	174.8370, 27.2390, -25.6010

# Conversions

## Conversions Part 2

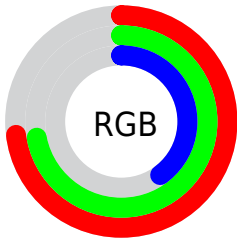
Format	Color
<a href="#">RYB</a>	<a href="#">102, 185, 101</a>
Decimal	<a href="#">12171365</a>
CIELab	<a href="#">73.24, -11.55, 42.07</a>
CIELCh	<a href="#">73, 43.623, 105.352</a>
Yxy	<a href="#">45.5349, 0.3796, 0.4376</a>
Android (android.graphics.Color)	<a href="#">4290361445 (0xFFB9B865)</a>
YUV	<a href="#">174.8370, -36.4016, 8.9130</a>
Hunter-Lab	<a href="#">67.4795, -13.6097, 30.5246</a>

# Details

The Hex color **B9B865** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6566B9**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **F2F09A**, and **828333** is the 20% darker color. If you saturate the color by 10%, you get **B9B852**, and if you desaturate by 10%, it is **B9B877**.

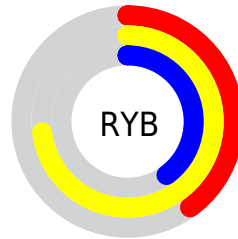
# Distribution



Red (73%)

Green (72%)

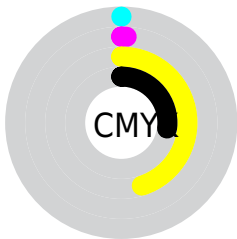
Blue (40%)



Red (40%)

Yellow (73%)

Blue (40%)

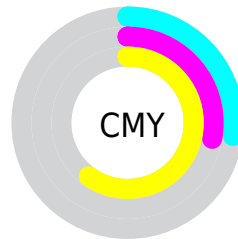


Cyan (0%)

Magenta (1%)

Yellow (45%)

Black (27%)



Cyan (27%)

Magenta (28%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9B865 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 B9B865 by changing the saturation by 10% instead.



 B9B865

 B9B865

FFFFFF

 9D9D4C

 F2F09A

 828333

 FFFFB5

 686A1A

 FFFFDD1

 4E5200

 FFFFED

 363B00

 1D2600

 001200

 000000

 B9B865

 B9B865

 B9B852

 B9B877

 B9B840

 B9B88A

 B9B72D

 B9B99C

 B9B71B

 B9B9AF

 B9B708

 B9B9C2

 B9B700

 B9B9D4

 B9BAE6

 B9BAF9

 B9BAFF

# Harmonies

## Analogous

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



DEAB66



B9B865



8CC27A

# Triad

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



B9B865



00C6EC



F596C9

# Complementary

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



B9B865



6566B9

# 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.



D2A2EC



B9B865



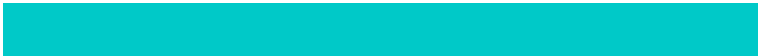
4DBEFF

# Square

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



B9B865



00C9C8



9AB1FF



FF94A1

# Rectangle

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



B9B865



69C691



9AB1FF



EC99D6



# Sweetspot

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



B9B865



F0EFCE



B96566



787863



F7F7F7



787878



# Same Dimension

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



B9B865



F0EE6E



90B965



5C5C53



9C9A00



1C1C00



# Inverse Universe

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



6566B9



6E70F0



8E65B9



53535C



00029C



00001C



# Previews

## White Background



This preview shows how the Hex color B9B865 looks on a white background.

## Color Contrast Check

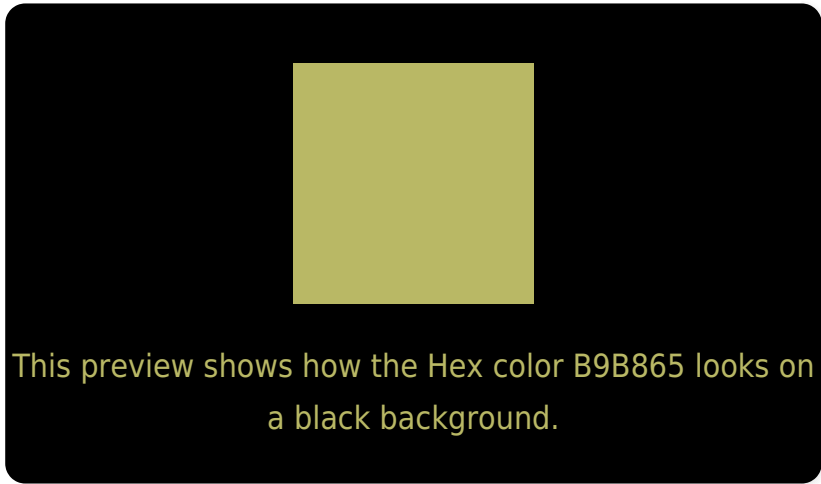
Large Text (above 18pt) WCAG AA × Fail

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

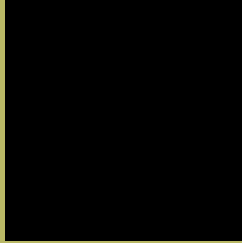
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B9B865 Background



This preview shows how black text looks on a background with the Hex color B9B865.



This preview shows how white text looks on a background with the Hex color B9B865.

# 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

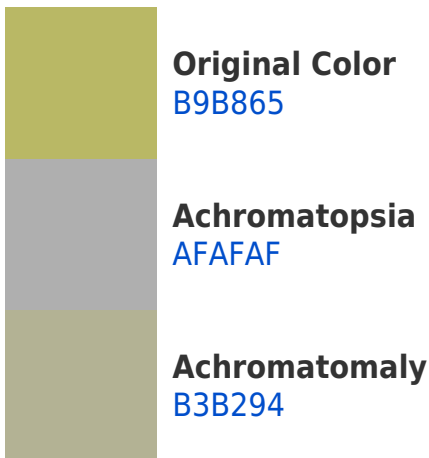




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9B865 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 #B9B865 looks like.

```
.text, #text, p{  
    color:#B9B865  
}
```

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 #B9B865 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9B865
}
```

## Border

The CSS property to change the border of an element to Hex B9B865 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
#B9B865 }
```

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

```
.border{ border-color:#B9B865 }
```

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

Here you see how a box with a 4 pixel #B9B865 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9B865; -webkit-box-shadow:4px 4px  
4px 4px #B9B865; box-shadow:4px 4px 4px  
4px #B9B865 }
```

# Background

The CSS property to change the background color of an element to Hex B9B865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9B865 }
```

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

```
.background{ background-color:#B9B865 }
```

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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