

# Converting Colors

Hex(B9B46A)

Have a look what the booklet for  
Hex(B9B46A) contains.

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# **Color**

**Hex(B9B46A)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | B9B46A                      |
| RGB         | 185, 180, 106               |
| RGB Percent | 73%, 71%, 42%               |
| CMY         | 0.2745, 0.2941, 0.5843      |
| CMYK        | 0.00, 0.03, 0.43, 0.27      |
| HSL         | 56°, 36%, 57%               |
| HSV         | 56°, 43%, 73%               |
| XYZ         | 38.9304, 43.9974, 20.0762   |
| YIQ         | 173.0590, 26.7340, -21.9540 |

# Conversions

## Conversions Part 2

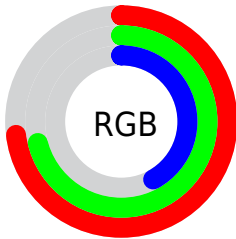
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 111, 185, 106                  |
| Decimal                             | 12170346                       |
| CIELab                              | 72.23, -8.96, 38.28            |
| CIELCh                              | 72, 39.317, 103.178            |
| Yxy                                 | 43.9974, 0.3780,<br>0.4271     |
| Android<br>(android.graphics.Color) | 4290360426<br>(0xFFB9B46A)     |
| YUV                                 | 173.0590, -33.0601,<br>10.4723 |
| Hunter-Lab                          | 66.3305, -11.3142,<br>28.4862  |

# Details

The Hex color **B9B46A** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6A6FB9**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **F2EC9E**, and **827F38** is the 20% darker color. If you saturate the color by 10%, you get **B9B358**, and if you desaturate by 10%, it is **B9B57D**.

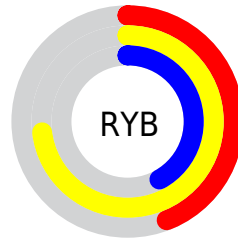
# Distribution



Red (73%)

Green (71%)

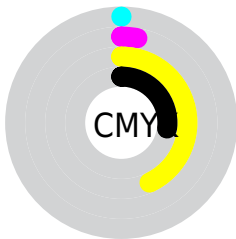
Blue (42%)



Red (44%)

Yellow (73%)

Blue (42%)

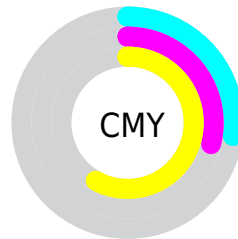


Cyan (0%)

Magenta (3%)

Yellow (43%)

Black (27%)



Cyan (27%)

Magenta (29%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9B46A 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 B9B46A by changing the saturation by 10% instead.



 B9B46A

 B9B46A

FFFFFF

 9D9951

 F2EC9E

 827F38

 FFFFBA

 686620

 FFFF66

 4F4F05

 FFFFF2

 373800

 1E2300

 000E00

 000000

 B9B46A

 B9B46A

 B9B358

 B9B57D

 B9B245

 B9B68F

 B9B033

 B9B8A2

 B9AF20

 B9B9B4

 B9AE0D

 B9BAC6

 B9AD00

 B9BBD9

 B9BCEC

 B9BDFE

 B9BFFF

# Harmonies

## Analogous

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



DAA86D



B9B46A



91BD7B

# Triad

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



B9B46A



11C2E1



EA98C7

# Complementary

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



B9B46A



6A6FB9

# 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.



C9A2E6



B9B46A



58BBF5

# Square

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



B9B46A



2DC4C0



97AFF7



F795A2

# Rectangle

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



B9B46A



73C18F



97AFF7



E29AD2



# Sweetspot

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



B9B46A



F0EED1



B96A6F



787765



F7F7F7



787878



# Same Dimension

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



B9B46A



F0E875



97B96A



5C5B53



9C9200



1C1A00



# Inverse Universe

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



6A6FB9



757DF0



8C6AB9



53535C



000A9C



00021C



# Previews

## White Background



This preview shows how the Hex color B9B46A looks on a white background.

## Color Contrast Check

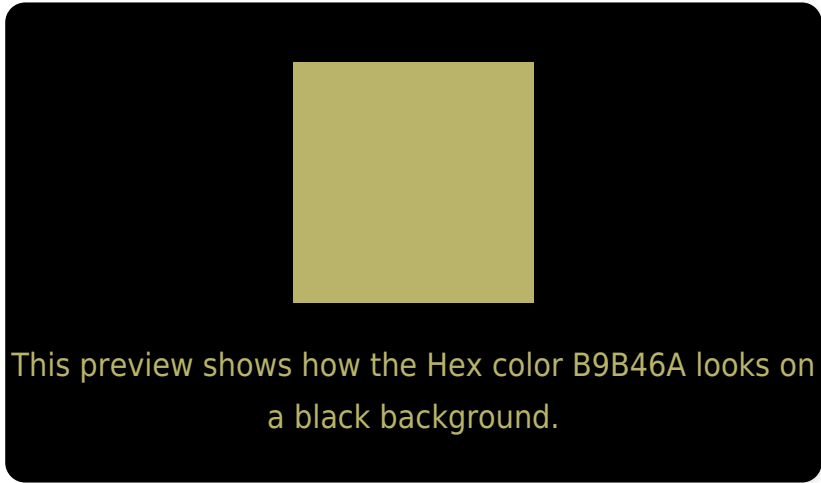
Large Text (above 18pt) WCAG AA × Fail

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 B9B46A Background



This preview shows how black text looks on a background with the Hex color B9B46A.



This preview shows how white text looks on a background with the Hex color B9B46A.

# 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



**Original Color**  
B9B46A

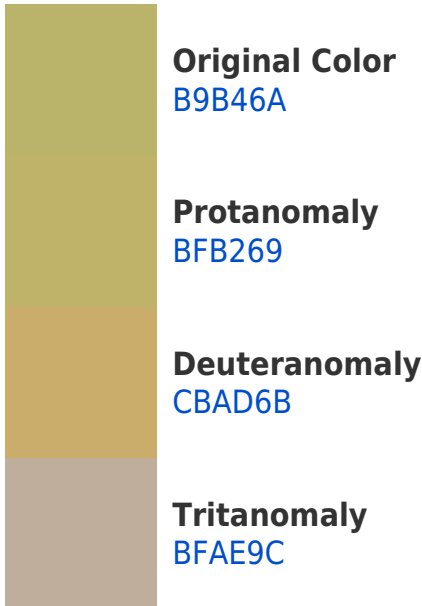
**Protanopia**  
C2B169

**Deuteranopia**  
D6A96C

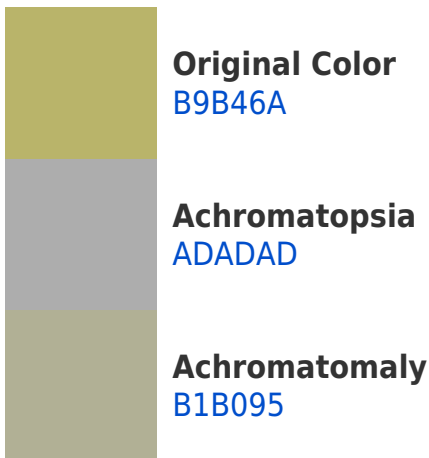


**Tritanopia**  
C2ABB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9B46A 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 #B9B46A looks like.

```
.text, #text, p{  
    color:#B9B46A  
}
```

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 #B9B46A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9B46A
}
```

## Border

The CSS property to change the border of an element to Hex B9B46A 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
#B9B46A }
```

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

```
.border{ border-color:#B9B46A }
```

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

Here you see how a box with a 4 pixel #B9B46A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9B46A; -webkit-box-shadow:4px 4px  
4px 4px #B9B46A; box-shadow:4px 4px 4px  
4px #B9B46A }
```

# Background

The CSS property to change the background color of an element to Hex B9B46A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9B46A }
```

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

```
.background{ background-color:#B9B46A }
```

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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