

# Converting Colors

Hex(B4B946)

Have a look what the booklet for  
Hex(B4B946) contains.

<b>Hex(B4B946)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(B4B946)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4B946
RGB	180, 185, 70
RGB Percent	71%, 73%, 27%
CMY	0.2941, 0.2745, 0.7255
CMYK	0.03, 0.00, 0.62, 0.27
HSL	63°, 45%, 50%
HSV	63°, 62%, 73%
XYZ	37.2768, 44.8434, 12.4853
YIQ	170.3950, 33.9350, -36.8250

# Conversions

## Conversions Part 2

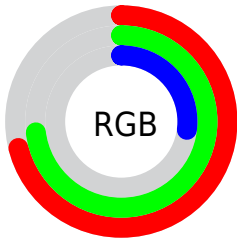
Format	Color
<a href="#">RYB</a>	<a href="#">70, 185, 75</a>
Decimal	<a href="#">11843910</a>
CIELab	<a href="#">72.79, -16.72, 55.92</a>
CIELCh	<a href="#">73, 58.365, 106.646</a>
Yxy	<a href="#">44.8434, 0.3940, 0.4740</a>
Android (android.graphics.Color)	<a href="#">4290033990 (0xFFB4B946)</a>
YUV	<a href="#">170.3950, -49.4947, 8.4236</a>
Hunter-Lab	<a href="#">66.9652, -17.8254, 35.8214</a>

# Details

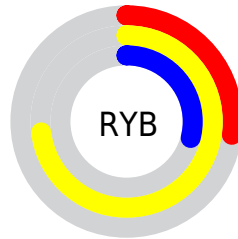
The Hex color **B4B946** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **4B46B9**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **EEF17B**, and **7C8407** is the 20% darker color. If you saturate the color by 10%, you get **B3B934**, and if you desaturate by 10%, it is **B5B959**.

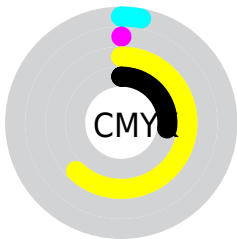
# Distribution



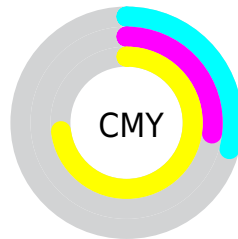
- Red (71%)
- Green (73%)
- Blue (27%)



- Red (27%)
- Yellow (73%)
- Blue (29%)



- Cyan (3%)
- Magenta (0%)
- Yellow (62%)
- Black (27%)



- Cyan (29%)
- Magenta (27%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4B946 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 B4B946 by changing the saturation by 10% instead.



 B4B946

 B4B946

FFFFFF

 989E2B

 EEF17B

 7C8407

 FFFF96

 616B00

 FFFFB2

 485300

 FFFFCE

 2D3C00

 FFFFEB

 142600

 001100

 000000

 B4B946

 B4B946

 B3B934

 B5B959

 B2B921

 B6B96B

 B2B90E

 B6B97E

 B1B900

 B7B990

 B8B9A3

 B9B9B5

 BAB9C8

 BAB9DA

 BBB9ED

# Harmonies

## Analogous

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



E5A747



B4B946



77C566

# Triad

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



B4B946



00C9FF



FF87CD

# Complementary

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



B4B946



4B46B9

# 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.



DC98FC



B4B946



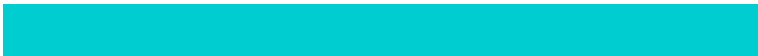
00BFFF

# Square

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



B4B946



00CDD0



8CAEFF



FF8597

# Rectangle

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



B4B946



39CA86



8CAEFF



FD8CDE



# Sweetspot

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



B4B946



EEF0C2



B94A46



77785C



F7F7F7



787878



# Same Dimension

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



B4B946



E8F03C



7CB946



5B5C53



959C00



1B1C00



# Inverse Universe

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



4B46B9



443CF0



8346B9



53535C



07009C



01001C



# Previews

## White Background



This preview shows how the Hex color B4B946 looks on a white background.

## Color Contrast Check

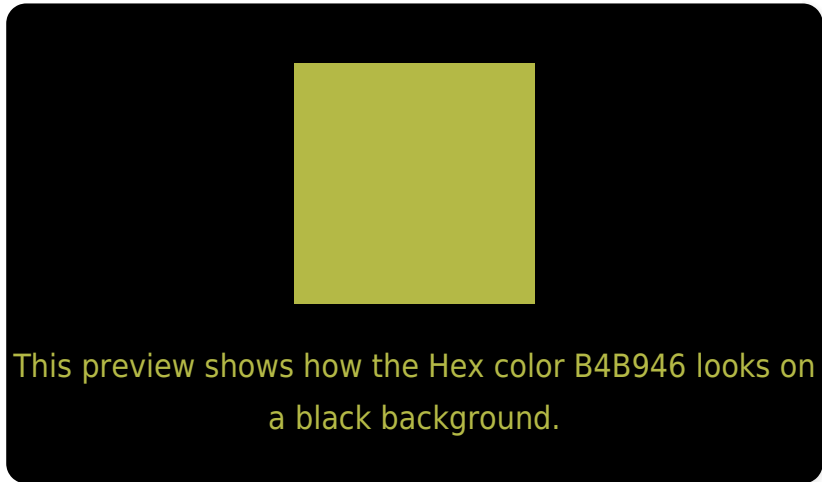
Large Text (above 18pt) WCAG AA × Fail

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 B4B946 Background



This preview shows how black text looks on a background with the Hex color B4B946.

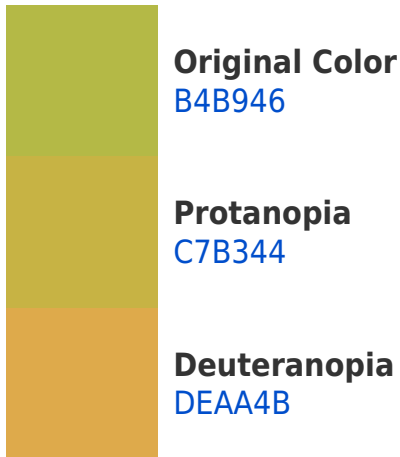


This preview shows how white text looks on a background with the Hex color B4B946.

# 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



**Original Color**  
B4B946

**Protanomaly**  
C0B545

**Deuteranomaly**  
CFAF49

**Tritanomaly**  
BBB190

# Monochromacy



**Original Color**  
B4B946

**Achromatopsia**  
AAAAAA

**Achromatomaly**  
AEAF86

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4B946 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 #B4B946 looks like.

```
.text, #text, p{  
    color:#B4B946  
}
```

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 #B4B946 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4B946
}
```

## Border

The CSS property to change the border of an element to Hex B4B946 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
#B4B946 }
```

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

```
.border{ border-color:#B4B946 }
```

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

Here you see how a box with a 4 pixel #B4B946 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4B946; -webkit-box-shadow:4px 4px  
4px 4px #B4B946; box-shadow:4px 4px 4px  
4px #B4B946 }
```

# Background

The CSS property to change the background color of an element to Hex B4B946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4B946 }
```

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

```
.background{ background-color:#B4B946 }
```

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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