

# Converting Colors

Hex(B4B597)

Have a look what the booklet for  
Hex(B4B597) contains.

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# **Color**

**Hex(B4B597)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4B597
RGB	180, 181, 151
RGB Percent	71%, 71%, 59%
CMY	0.2941, 0.2902, 0.4078
CMYK	0.01, 0.00, 0.17, 0.29
HSL	62°, 17%, 65%
HSV	62°, 17%, 71%
XYZ	40.9322, 44.9854, 35.8039
YIQ	177.2810, 9.0340, -9.5420

# Conversions

## Conversions Part 2

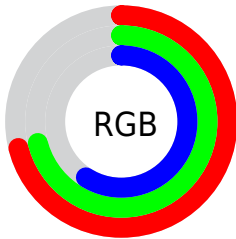
<b>Format</b>	<b>Color</b>
<b>RYB</b>	151, 181, 152
Decimal	11842967
CIELab	72.88, -5.53, 15.20
CIElCh	73, 16.175, 109.993
Yxy	44.9854, 0.3363, 0.3696
Android (android.graphics.Color)	4290033047 (0xFFB4B597)
YUV	177.2810, -12.9565, 2.3846
Hunter-Lab	67.0712, -8.4396, 15.2997

# Details

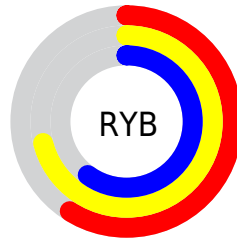
The Hex color **B4B597** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9897B5**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **ECEDCD**, and **7F8064** is the 20% darker color. If you saturate the color by 10%, you get **B3B585**, and if you desaturate by 10%, it is **B5B5A9**.

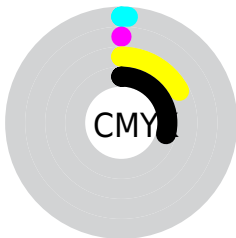
# Distribution



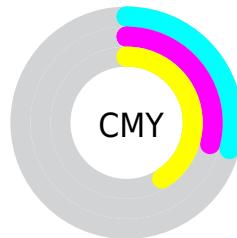
- Red (71%)
- Green (71%)
- Blue (59%)



- Red (59%)
- Yellow (71%)
- Blue (60%)



- Cyan (1%)
- Magenta (0%)
- Yellow (17%)
- Black (29%)



- Cyan (29%)
- Magenta (29%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4B597 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 B4B597 by changing the saturation by 10% instead.





B4B597



B4B597

FFFFFF



999A7D



ECEDCD



7F8064



FFFFE9



66674C



4E4F35



373820



212309



020E00



000000



B4B597



B4B597

 B3B585

 B5B5A9

 B3B573

 B5B5BB

 B2B561

 B6B5CD

 B2B54F

 B6B5DF

 B1B53D

 B7B5F2

 B0B52A

 B8B5FF

 B0B518

 B9B5FF

 AFB506

 AFB500

# Harmonies

## Analogous

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



C4B096



B4B597



A3B9A0

# Triad

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



B4B597



8FB9C9



CEA9B8

# Complementary

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



B4B597



9897B5

# 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.



C1ACC6



B4B597



9DB6D0

# Square

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



B4B597



8CBBBC



AFB1CF



D2A9A9

# Rectangle

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



B4B597



99BBA8



AFB1CF



CBAABD



# Sweetspot

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



B4B597



EAEBDF



B59897



75756E



F5F5F5



757575



# Same Dimension

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



B4B597



E9EBBC



A5B597



595950



949900



191A00



# Inverse Universe

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



9897B5



BDBCEB



A797B5



515059



050099



01001A



# Previews

## White Background



This preview shows how the Hex color B4B597 looks on a white background.

## Color Contrast Check

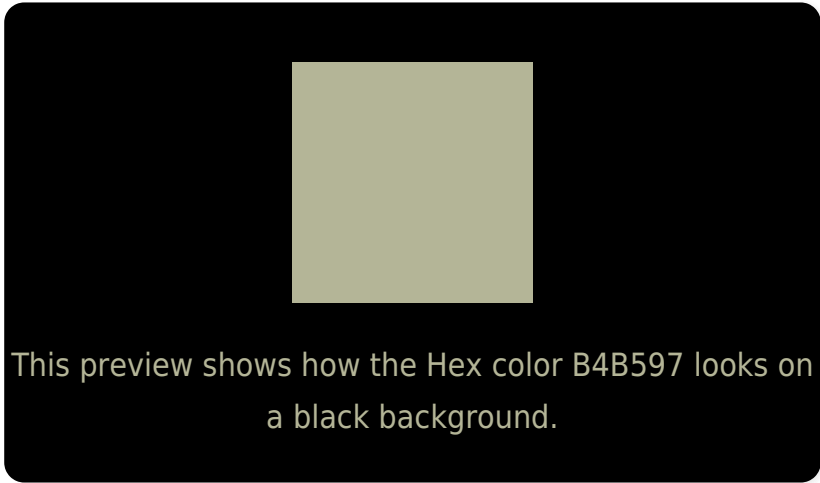
Large Text (above 18pt) WCAG AA × Fail

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

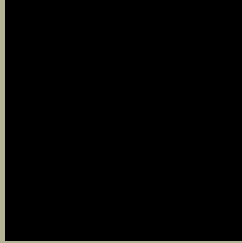
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

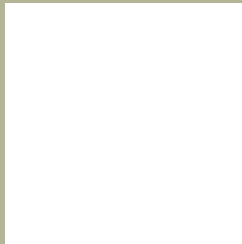
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B4B597 Background



This preview shows how black text looks on a background with the Hex color B4B597.



This preview shows how white text looks on a background with the Hex color B4B597.

# 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**  
B4B597

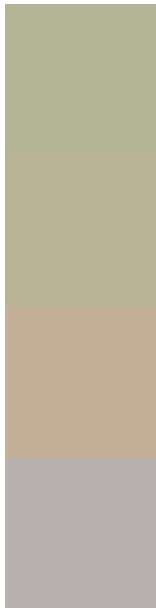
**Protanopia**  
BDB296

**Deuteranopia**  
CDAC99



**Tritanopia**  
B9B0BD

# Trichromacy



**Original Color**  
B4B597

**Protanomaly**  
BAB396

**Deuteranomaly**  
C4AF98

**Tritanomaly**  
B7B2AF

# Monochromacy



**Original Color**  
B4B597

**Achromatopsia**  
B1B1B1

**Achromatomaly**  
B2B2A8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4B597 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 #B4B597 looks like.

```
.text, #text, p{  
    color:#B4B597  
}
```

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 #B4B597 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4B597
}
```

## Border

The CSS property to change the border of an element to Hex B4B597 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
#B4B597 }
```

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

```
.border{ border-color:#B4B597 }
```

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

Here you see how a box with a 4 pixel #B4B597 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4B597; -webkit-box-shadow:4px 4px  
4px 4px #B4B597; box-shadow:4px 4px 4px  
4px #B4B597 }
```

# Background

The CSS property to change the background color of an element to Hex B4B597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4B597 }
```

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

```
.background{ background-color:#B4B597 }
```

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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