

# Converting Colors

Hex(B7B67C)

Have a look what the booklet for  
Hex(B7B67C) contains.

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# **Color**

**Hex(B7B67C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7B67C
RGB	183, 182, 124
RGB Percent	72%, 71%, 49%
CMY	0.2824, 0.2863, 0.5137
CMYK	0.00, 0.01, 0.32, 0.28
HSL	59°, 29%, 60%
HSV	59°, 32%, 72%
XYZ	39.8945, 44.9784, 25.6478
YIQ	175.6870, 19.2140, -17.8260

# Conversions

## Conversions Part 2

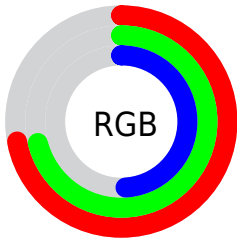
Format	Color
<b>RYB</b>	125, 183, 124
Decimal	12039804
CIELab	72.88, -8.73, 29.72
CIELCh	73, 30.976, 106.367
Yxy	44.9784, 0.3610, 0.4070
Android (android.graphics.Color)	4290229884 (0xFFB7B67C)
YUV	175.6870, -25.4817, 6.4135
Hunter-Lab	67.0659, -11.1839, 24.2721

# Details

The Hex color **B7B67C** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **7C7DB7**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **F0EEB1**, and **81814A** is the 20% darker color. If you saturate the color by 10%, you get **B7B66A**, and if you desaturate by 10%, it is **B7B68E**.

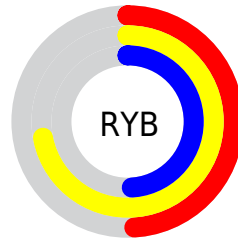
# Distribution



Red (72%)

Green (71%)

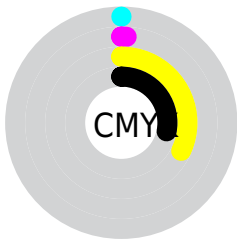
Blue (49%)



Red (49%)

Yellow (72%)

Blue (49%)

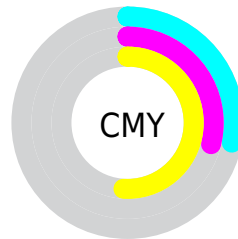


Cyan (0%)

Magenta (1%)

Yellow (32%)

Black (28%)



Cyan (28%)

Magenta (29%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7B67C 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 B7B67C by changing the saturation by 10% instead.



 B7B67C

 B7B67C

FFFFFF

 9C9B63

 F0EEB1

 81814A

 FFFFCF

 676833

 FFFFEE

 4E501C

 363904

 202400

 001000

 000000

 B7B67C

 B7B67C

 B7B66A

 B7B68E

 B7B557

 B7B7A1

 B7B545

 B7B7B3

 B7B533

 B7B7C5

 B7B421

 B7B8D8

 B7B40E

 B7B8EA

 B7B400

 B7B8FC

 B7B8FF

 B7B9FF

# Harmonies

## Analogous

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



D3AD7C



B7B67C



97BD8B

# Triad

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



B7B67C



5CC0DB



E39FC1

# Complementary

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



B7B67C



7C7DB7

# 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.



CAA6DA



B7B67C



7BB9E9

# Square

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



B7B67C



5CC3C2



A5B0E9



EC9EA4

# Rectangle

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



B7B67C



81C19B



A5B0E9



DCA1CA



# Sweetspot

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



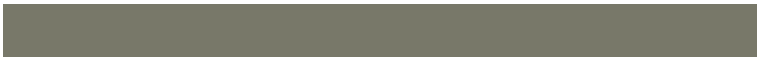
B7B67C



EDEDD5



B77C7E



787869



F7F7F7



787878



# Same Dimension

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



B7B67C



EDEC91



9BB77C



5C5C53



9C9900



1C1C00



# Inverse Universe

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



7C7DB7



9192ED



987CB7



53535C



00039C



00001C



# Previews

## White Background



This preview shows how the Hex color B7B67C looks on a white background.

## Color Contrast Check

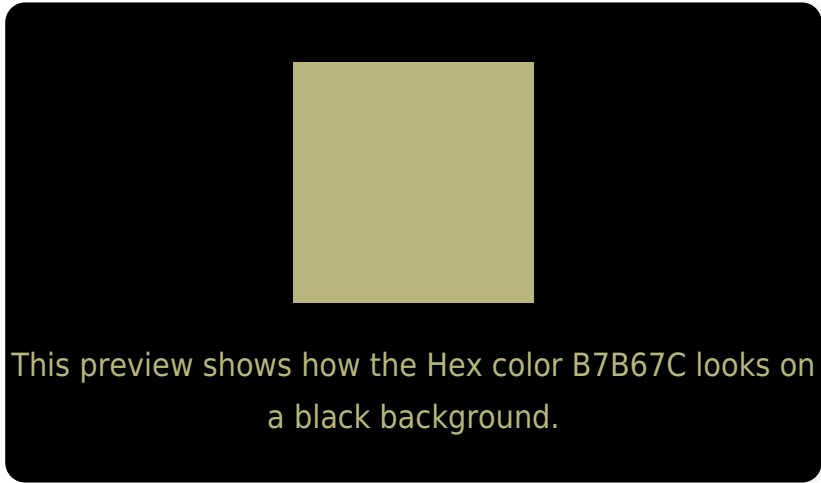
Large Text (above 18pt) WCAG AA × Fail

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

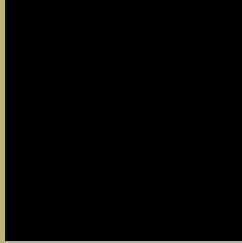
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

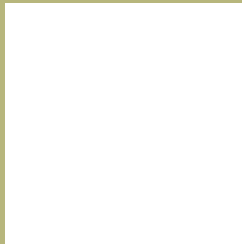
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B7B67C Background



This preview shows how black text looks on a background with the Hex color B7B67C.

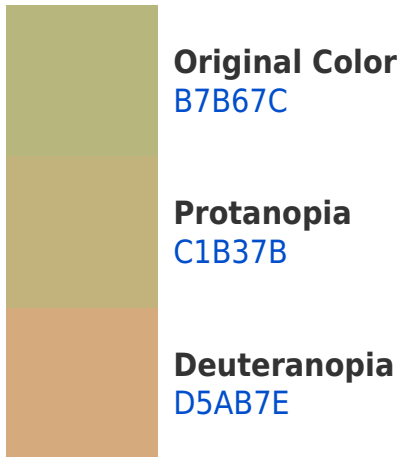


This preview shows how white text looks on a background with the Hex color B7B67C.

# Color Blindness Simulation

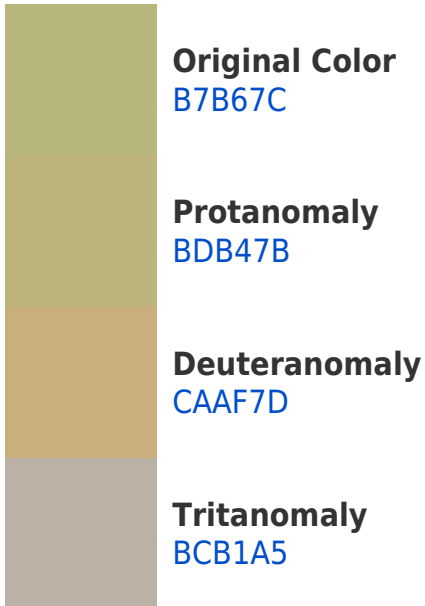
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7B67C 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 #B7B67C looks like.

```
.text, #text, p{  
    color:#B7B67C  
}
```

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 #B7B67C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7B67C
}
```

## Border

The CSS property to change the border of an element to Hex B7B67C 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
#B7B67C }
```

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

```
.border{ border-color:#B7B67C }
```

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

Here you see how a box with a 4 pixel #B7B67C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7B67C; -webkit-box-shadow:4px 4px  
4px 4px #B7B67C; box-shadow:4px 4px 4px  
4px #B7B67C }
```

# Background

The CSS property to change the background color of an element to Hex B7B67C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7B67C }
```

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

```
.background{ background-color:#B7B67C }
```

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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