

# Converting Colors

Hex(B7BBA5)

Have a look what the booklet for  
Hex(B7BBA5) contains.

<b>Hex(B7BBA5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(B7BBA5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7BBA5
RGB	183, 187, 165
RGB Percent	72%, 73%, 65%
CMY	0.2824, 0.2667, 0.3529
CMYK	0.02, 0.00, 0.12, 0.27
HSL	71°, 14%, 69%
HSV	71°, 12%, 73%
XYZ	44.0903, 48.3245, 42.6011
YIQ	183.2960, 4.6780, -7.6900

# Conversions

## Conversions Part 2

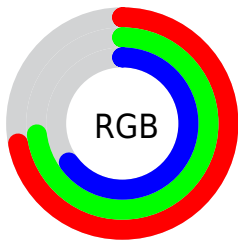
<b>Format</b>	<b>Color</b>
<b>RYB</b>	165, 187, 169
Decimal	12041125
CIELab	75.03, -5.31, 10.67
CIELCh	75, 11.917, 116.477
Yxy	48.3245, 0.3266, 0.3579
Android (android.graphics.Color)	4290231205 (0xFFB7BBA5)
YUV	183.2960, -9.0199, -0.2596
Hunter-Lab	69.5159, -8.4395, 12.3267

# Details

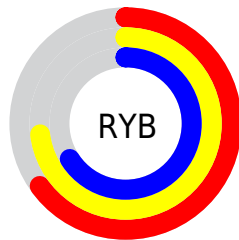
The Hex color **B7BBA5** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **A9A5BB**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **EFF3DC**, and **828671** is the 20% darker color. If you saturate the color by 10%, you get **B4BB92**, and if you desaturate by 10%, it is **BABBB8**.

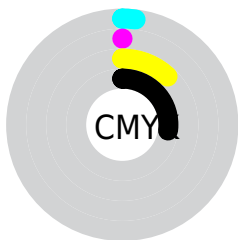
# Distribution



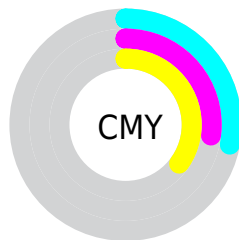
- Red (72%)
- Green (73%)
- Blue (65%)



- Red (65%)
- Yellow (73%)
- Blue (66%)



- Cyan (2%)
- Magenta (0%)
- Yellow (12%)
- Black (27%)



- Cyan (28%)
- Magenta (27%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7BBA5 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 B7BBA5 by changing the saturation by 10% instead.





B7BBA5

FFFFFF



EFF3DC



FFFFF9



B7BBA5



9CA08B



828671



696D59



515441



3A3D2B



242717



0E1300



000000



B7BBA5



B7BBA5

 B4BB92

 BABBB8

 B0BB80

 BEBBCA

 ADBB6D

 C1BBDD

 A9BB5A

 C5BBF0

 A6BB48

 C8BBFF

 A3BB35

 CBBBFF

 9FBB22

 CFBBFF

 9CBB0F

 D2BBFF

 99BB00

 D6BBFF

# Harmonies

## Analogous

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



C3B7A3



B7BBA5



ABBEAC

# Triad

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



B7BBA5



A1BDCB



CEB1BA

# Complementary

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



B7BBA5



A9A5BB

# 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.



C6B3C5



B7BBA5



ACBACE

# Square

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



B7BBA5



9DBFC2



B9B6CC



D0B2AF

# Rectangle

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



B7BBA5



A4BFB3



B9B6CC



CCB2BE



# Sweetspot

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



B7BBA5



F0F2E9



BBA9A5



797A74



FAFAFA



7A7A7A



# Same Dimension

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



B7BBA5



ECF2D0



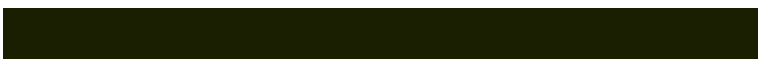
ACBBA5



5D5E55



819E00



191F00



# Inverse Universe

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



A9A5BB



D7D0F2



B4A5BB



57555E



1D009E

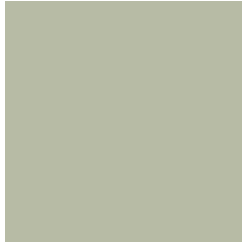


06001F



# Previews

## White Background



This preview shows how the Hex color B7BBA5 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



This preview shows how the Hex color B7BBA5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

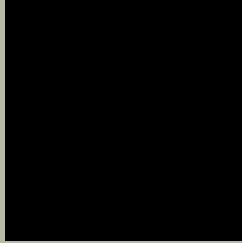
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

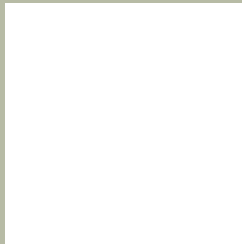
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B7BBA5 Background



This preview shows how black text looks on a background with the Hex color B7BBA5.



This preview shows how white text looks on a background with the Hex color B7BBA5.

# 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



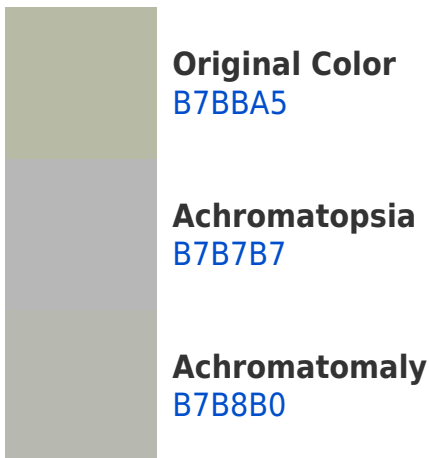


**Tritanopia**  
BCB6C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7BBA5 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 #B7BBA5 looks like.

```
.text, #text, p{  
    color:#B7BBA5  
}
```

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 #B7BBA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7BBA5  
}
```

## Border

The CSS property to change the border of an element to Hex B7BBA5 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  
#B7BBA5 }
```

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

```
.border{ border-color:#B7BBA5 }
```

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

Here you see how a box with a 4 pixel #B7BBA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7BBA5; -webkit-box-shadow:4px 4px  
4px 4px #B7BBA5; box-shadow:4px 4px 4px  
4px #B7BBA5 }
```

# Background

The CSS property to change the background color of an element to Hex B7BBA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7BBA5 }
```

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

```
.background{ background-color:#B7BBA5 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor