

# Converting Colors

Hex(B6BA8C)

Have a look what the booklet for  
Hex(B6BA8C) contains.

<b>Hex(B6BA8C)</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(B6BA8C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6BA8C
RGB	182, 186, 140
RGB Percent	71%, 73%, 55%
CMY	0.2863, 0.2706, 0.4510
CMYK	0.02, 0.00, 0.25, 0.27
HSL	65°, 25%, 64%
HSV	65°, 25%, 73%
XYZ	41.5839, 46.9563, 31.6827
YIQ	179.5600, 12.3820, -15.1540

# Conversions

## Conversions Part 2

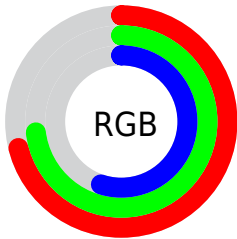
Format	Color
<a href="#">RYB</a>	<a href="#">140, 186, 144</a>
Decimal	<a href="#">11975308</a>
CIELab	<a href="#">74.16, -9.05, 22.92</a>
CIELCh	<a href="#">74, 24.643, 111.551</a>
Yxy	<a href="#">46.9563, 0.3459, 0.3906</a>
Android (android.graphics.Color)	<a href="#">4290165388</a> ( <a href="#">0xFFB6BA8C</a> )
YUV	<a href="#">179.5600, -19.5031, 2.1399</a>
Hunter-Lab	<a href="#">68.5247, -11.5962, 20.5543</a>

# Details

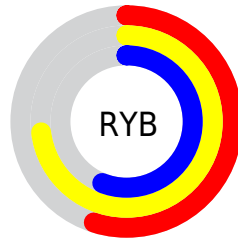
The Hex color **B6BA8C** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **908CBA**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **EEF2C2**, and **81855A** is the 20% darker color. If you saturate the color by 10%, you get **B4BA79**, and if you desaturate by 10%, it is **B8BA9F**.

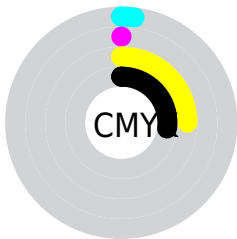
# Distribution



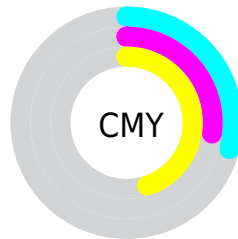
- Red (71%)
- Green (73%)
- Blue (55%)



- Red (55%)
- Yellow (73%)
- Blue (56%)



- Cyan (2%)
- Magenta (0%)
- Yellow (25%)
- Black (27%)



- Cyan (29%)
- Magenta (27%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B6BA8C 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 B6BA8C by changing the saturation by 10% instead.





B6BA8C

FFFFFF



EEF2C2



FFFFDE



FFFFFFA



B6BA8C



9B9F72



81855A



676C42



4F542B



373C15



222700



001300



000000



B6BA8C



B6BA8C

 B4BA79

 B8BA9F

 B3BA67

 B9BAB1

 B1BA54

 BBBAC4

 B0BA42

 BCBAD6

 AEBA2F

 BEBAE9

 ACBA1C

 C0BAFC

 ABBA0A

 C1BAFF

 AABA00

 C3BAFF

 C5BAFF

# Harmonies

## Analogous

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



CDB38A



B6BA8C



9CC09A

# Triad

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



B6BA8C



7BC0D9



DFA7BE

# Complementary

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



B6BA8C



908CBA

# 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.



CDABD3



B6BA8C



93BAE3

# Square

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



B6BA8C



76C3C6



B2B3E0



E5A7A7

# Rectangle

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



B6BA8C



8CC2A7



B2B3E0



DBA8C5



# Sweetspot

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



B6BA8C



F1F2E1



BA908C



7A7A71



FAFAFA



7A7A7A



# Same Dimension

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



B6BA8C



ECF2AA



9FBA8C



5B5C53



8E9C00



1A1C00



# Inverse Universe

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



908CBA



B0AAF2



A78CBA



53535C



0E009C



02001C



# Previews

## White Background



This preview shows how the Hex color B6BA8C 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 B6BA8C looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

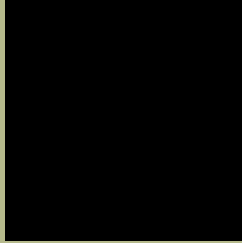
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

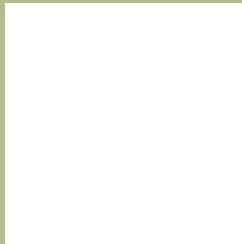
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B6BA8C Background



This preview shows how black text looks on a background with the Hex color B6BA8C.

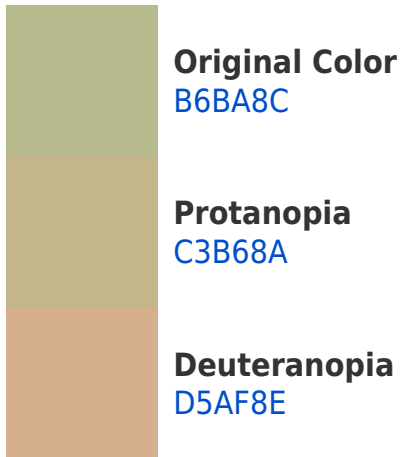


This preview shows how white text looks on a background with the Hex color B6BA8C.

# 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](#).

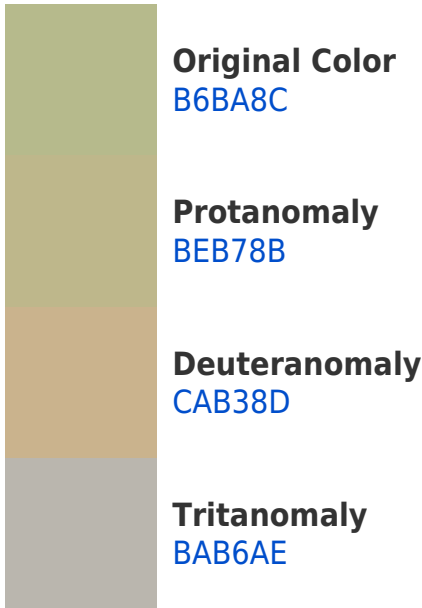
## Dichromacy



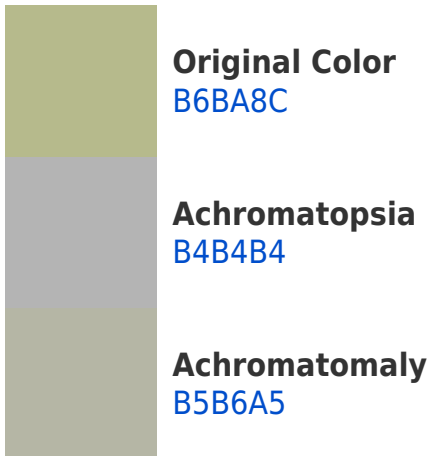


**Tritanopia**  
BDB3C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6BA8C 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 #B6BA8C looks like.

```
.text, #text, p{  
    color:#B6BA8C  
}
```

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 #B6BA8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6BA8C
}
```

## Border

The CSS property to change the border of an element to Hex B6BA8C 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
#B6BA8C }
```

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

```
.border{ border-color:#B6BA8C }
```

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

Here you see how a box with a 4 pixel #B6BA8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6BA8C; -webkit-box-shadow:4px 4px  
4px 4px #B6BA8C; box-shadow:4px 4px 4px  
4px #B6BA8C }
```

# Background

The CSS property to change the background color of an element to Hex B6BA8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6BA8C }
```

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

```
.background{ background-color:#B6BA8C }
```

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