

# Converting Colors

Hex(B8B680)

Have a look what the booklet for  
Hex(B8B680) contains.

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# **Color**

**Hex(B8B680)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8B680
RGB	184, 182, 128
RGB Percent	72%, 71%, 50%
CMY	0.2784, 0.2863, 0.4980
CMYK	0.00, 0.01, 0.30, 0.28
HSL	58°, 28%, 61%
HSV	58°, 30%, 72%
XYZ	40.3914, 45.2048, 27.0186
YIQ	176.4420, 18.5260, -16.3700

# Conversions

## Conversions Part 2

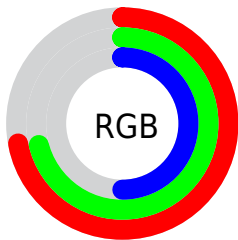
<b>Format</b>	<b>Color</b>
<b>RYB</b>	130, 184, 128
Decimal	12105344
CIELab	73.03, -7.82, 27.81
CIELCh	73, 28.894, 105.708
Yxy	45.2048, 0.3587, 0.4014
Android (android.graphics.Color)	4290295424 (0xFFB8B680)
YUV	176.4420, -23.8819, 6.6284
Hunter-Lab	67.2345, -10.4257, 23.2381

# Details

The Hex color **B8B680** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **8082B8**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **F1EEB5**, and **82814E** is the 20% darker color. If you saturate the color by 10%, you get **B8B56E**, and if you desaturate by 10%, it is **B8B792**.

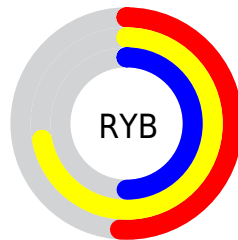
# Distribution



Red (72%)

Green (71%)

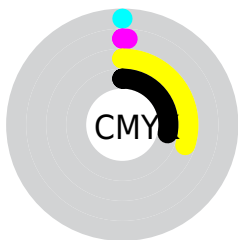
Blue (50%)



Red (51%)

Yellow (72%)

Blue (50%)

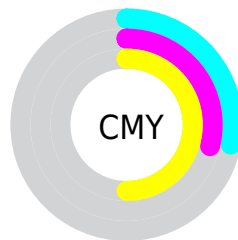


Cyan (0%)

Magenta (1%)

Yellow (30%)

Black (28%)



Cyan (28%)

Magenta (29%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B8B680 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 B8B680 by changing the saturation by 10% instead.





B8B680



B8B680

FFFFFF



9D9B67



F1EEB5



82814E



FFFFD1



686837



FFFFED



505020



383909



222400



001000



000000



B8B680



B8B680

 B8B56E

 B8B792

 B8B55B

 B8B7A5

 B8B449

 B8B8B7

 B8B336

 B8B9CA

 B8B324

 B8B9DC

 B8B212

 B8BAEE

 B8B100

 B8BBFF

 B8BCFF

# Harmonies

## Analogous

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



D2AD80



B8B680



9ABD8E

# Triad

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



B8B680



65BFD8



E0A1C1

# Complementary

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



B8B680



8082B8

# 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.



C8A8D8



B8B680



80BAE6

# Square

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



B8B680



65C2C1



A6B1E6



E9A0A6

# Rectangle

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



B8B680



86C09D



A6B1E6



D9A3CA



# Sweetspot

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



B8B680



F0EFDA



B88083



78776B



F7F7F7



787878



# Same Dimension

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



B8B680



F0ED97



9FB880



5C5B53



9C9600



1C1B00



# Inverse Universe

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



8082B8



979AF0



9980B8



53535C



00069C



00011C



# Previews

## White Background



This preview shows how the Hex color B8B680 looks on a white background.

## Color Contrast Check

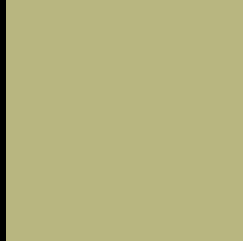
Large Text (above 18pt) WCAG AA × Fail

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 B8B680 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

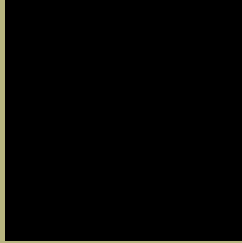
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B8B680 Background



This preview shows how black text looks on a background with the Hex color B8B680.

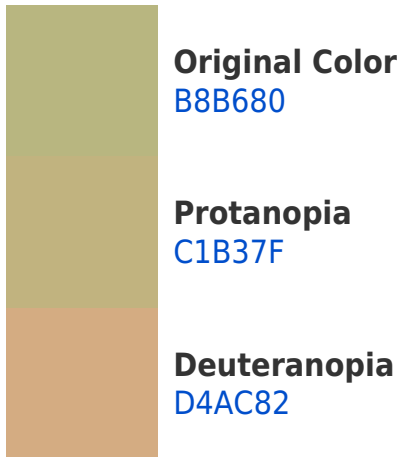


This preview shows how white text looks on a background with the Hex color B8B680.

# Color Blindness Simulation

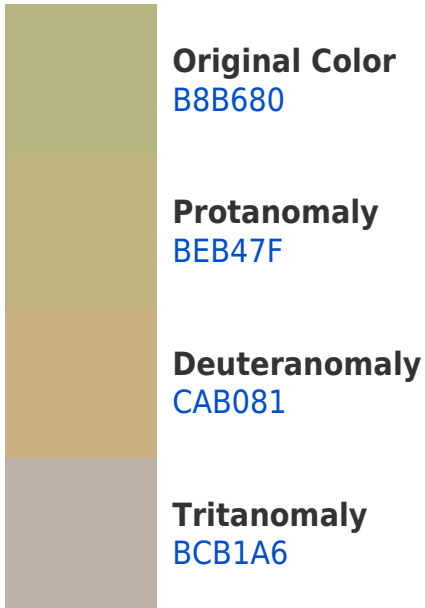
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B8B680 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 #B8B680 looks like.

```
.text, #text, p{  
    color:#B8B680  
}
```

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 #B8B680 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8B680
}
```

## Border

The CSS property to change the border of an element to Hex B8B680 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
#B8B680 }
```

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

```
.border{ border-color:#B8B680 }
```

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

Here you see how a box with a 4 pixel #B8B680 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8B680; -webkit-box-shadow:4px 4px  
4px 4px #B8B680; box-shadow:4px 4px 4px  
4px #B8B680 }
```

# Background

The CSS property to change the background color of an element to Hex B8B680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8B680 }
```

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

```
.background{ background-color:#B8B680 }
```

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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