

# Converting Colors

Hex(BB985C)

Have a look what the booklet for  
Hex(BB985C) contains.

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**Color**

**Hex(BB985C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BB985C
RGB	187, 152, 92
RGB Percent	73%, 60%, 36%
CMY	0.2667, 0.4039, 0.6392
CMYK	0.00, 0.19, 0.51, 0.27
HSL	38°, 41%, 55%
HSV	38°, 51%, 73%
XYZ	33.6535, 33.7940, 14.8744
YIQ	155.6250, 40.1200, -11.2400

# Conversions

## Conversions Part 2

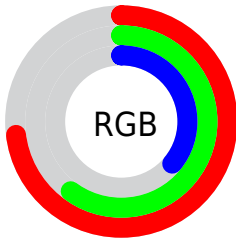
Format	Color
<a href="#">RYB</a>	<a href="#">147, 187, 92</a>
Decimal	<a href="#">12294236</a>
CIELab	<a href="#">64.80, 5.46, 36.30</a>
CIElCh	<a href="#">65, 36.711, 81.453</a>
Yxy	<a href="#">33.7940, 0.4088, 0.4105</a>
Android (android.graphics.Color)	<a href="#">4290484316</a> ( <a href="#">0xFFBB985C</a> )
YUV	<a href="#">155.6250, -31.3671, 27.5159</a>
Hunter-Lab	<a href="#">58.1326, 1.6034, 25.5223</a>

# Details

The Hex color **BB985C** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **5C7FBB**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **F5CE8F**, and **83652C** is the 20% darker color. If you saturate the color by 10%, you get **BB9149**, and if you desaturate by 10%, it is **BB9F6F**.

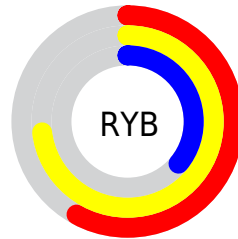
# Distribution



Red (73%)

Green (60%)

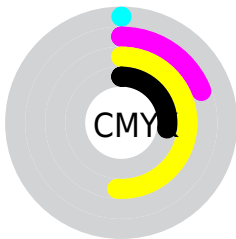
Blue (36%)



Red (58%)

Yellow (73%)

Blue (36%)

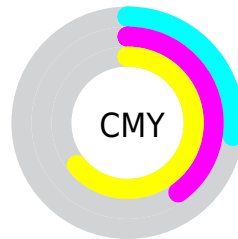


Cyan (0%)

Magenta (19%)

Yellow (51%)

Black (27%)



Cyan (27%)

Magenta (40%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB985C 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 BB985C by changing the saturation by 10% instead.



 BB985C

 BB985C

FFFFFF

 9F7E44

 F5CE8F

 83652C

 FFEAAA

 694D14

 FFFFC6

 4F3700

 FFFFE2

 362200

 1D0C00

 000000

 BB985C

 BB985C

 BB9149

 BB9F6F

 BB8A37

 BBA681

 BB8324

 BBAD94

 BB7C11

 BBB4A7

 BB7600

 BBBABA

 BBC1CC

 BBC8DF

 BBCFF2

 BBD6FF

# Harmonies

## Analogous

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



D38D6B



BB985C



9BA35F

# Triad

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



BB985C



08AEB4



BD8CC6

# Complementary

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



BB985C



5C7FBB

# 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.



9398DA



BB985C



15ABD0

# Square

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



BB985C



49AE92



5BA3DE



D784A8

# Rectangle

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



BB985C



82A86B



5BA3DE



B190CF

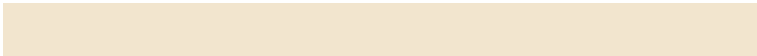


# Sweetspot

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



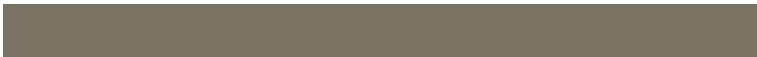
BB985C



F2E5CE



BB5C80



7A7264



FAFAFA



7A7A7A



# Same Dimension

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



BB985C



F2BC5E



B0BB5C



5E5B55



9E6400



1F1300



# Inverse Universe

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



5C7FBB



5E95F2



675CBB



55585E



003A9E

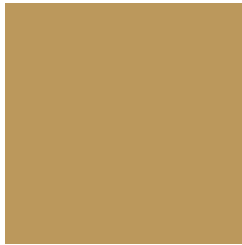


000B1F



# Previews

## White Background



This preview shows how the Hex color BB985C looks on a white background.

## Color Contrast Check

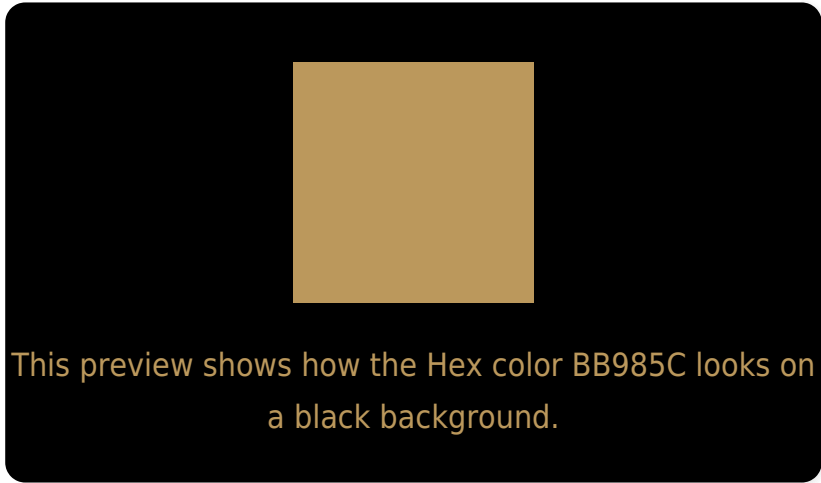
Large Text (above 18pt) WCAG AA × Fail

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 BB985C Background



This preview shows how black text looks on a background with the Hex color BB985C.



This preview shows how white text looks on a background with the Hex color BB985C.

# 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**  
BB985C

**Protanopia**  
AC9D5E

**Deuteranopia**  
BF965C



**Tritanopia**  
C1909C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB985C 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 #BB985C looks like.

```
.text, #text, p{  
    color:#BB985C  
}
```

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 #BB985C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB985C  
}
```

## Border

The CSS property to change the border of an element to Hex BB985C 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  
#BB985C }
```

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

```
.border{ border-color:#BB985C }
```

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

Here you see how a box with a 4 pixel #BB985C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB985C; -webkit-box-shadow:4px 4px  
4px 4px #BB985C; box-shadow:4px 4px 4px  
4px #BB985C }
```

# Background

The CSS property to change the background color of an element to Hex BB985C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB985C }
```

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

```
.background{ background-color:#BB985C }
```

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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