

# Converting Colors

Hex(BB7987)

Have a look what the booklet for  
Hex(BB7987) contains.

<b>Hex(BB7987)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(BB7987)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BB7987
RGB	187, 121, 135
RGB Percent	73%, 47%, 53%
CMY	0.2667, 0.5255, 0.4706
CMYK	0.00, 0.35, 0.28, 0.27
HSL	347°, 33%, 60%
HSV	347°, 35%, 73%
XYZ	31.7041, 25.9888, 26.2670
YIQ	142.3300, 34.8420, 18.3460

# Conversions

## Conversions Part 2

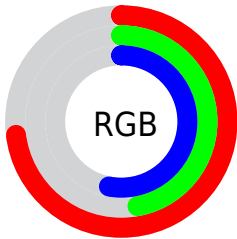
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	187, 121, 135
Decimal	12286343
CIE <sub>Lab</sub>	58.03, 27.68, 3.13
CIE <sub>LCh</sub>	58, 27.857, 6.449
Yxy	25.9888, 0.3776, 0.3095
Android (android.graphics.Color)	4290476423 (0xFFBB7987)
YUV	142.3300, -3.6137, 39.1756
Hunter-Lab	50.9792, 21.7958, 5.1363

# Details

The Hex color **BB7987** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **79BBAD**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **F4AEBC**, and **844755** is the 20% darker color. If you saturate the color by 10%, you get **BB6678**, and if you desaturate by 10%, it is **BB8C96**.

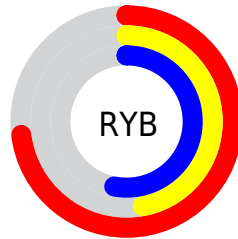
# Distribution



Red (73%)

Green (47%)

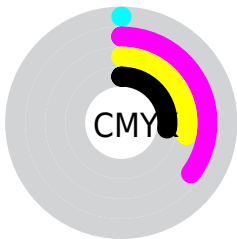
Blue (53%)



Red (73%)

Yellow (47%)

Blue (53%)

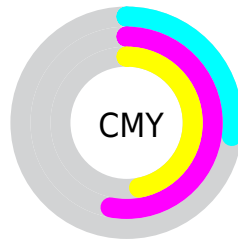


Cyan (0%)

Magenta (35%)

Yellow (28%)

Black (27%)



Cyan (27%)

Magenta (53%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB7987 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 BB7987 by changing the saturation by 10% instead.



 BB7987

 BB7987

FFFFFF

 9F606E

 F4AEBC

 844755

 FFCAD8

 6A2F3E

 FFE6F4

 501829

 370114

 210001

 000000

 BB7987

 BB7987

 BB6678

 BB8C96

 BB546A

 BB9EA4

 BB415B

 BBB1B3

 BB2E4C

 BBC4C2

 BB1C3D

 BBD6D1

 BB092F

 BBE9DF

 BB0028

 BBFC EE

 BBFFFD

 BBFFFF

# Harmonies

## Analogous

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



AF7C9F



BB7987



BA7C70

# Triad

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



BB7987



7D9364



4E93B7

# Complementary

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



BB7987



79BBAD

# 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.



3998A8



BB7987



609777

# Square

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



BB7987



978C5B



449990



738CBC

# Rectangle

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



BB7987



B28164



449990



4495B3



# Sweetspot

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



BB7987



F2D8DD



AD79BB



7A6A6E



FAFAFA



7A7A7A



# Same Dimension

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



BB7987



F28DA2



BB8C79



5E5557



9E0022



1F0006



# Inverse Universe

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



BB7987



F28DA2



79A8BB



5E5557



9E0022

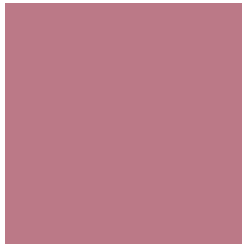


1F0006



# Previews

## White Background



This preview shows how the Hex color BB7987 looks on a white background.

## Color Contrast Check

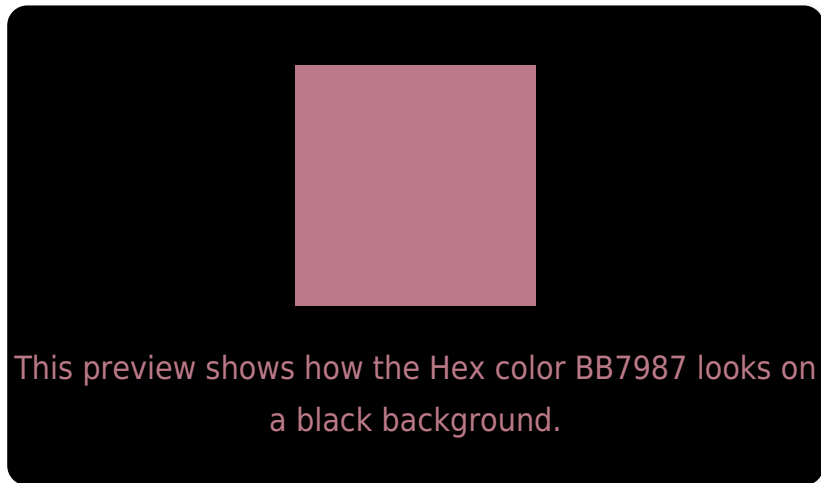
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex BB7987 Background



This preview shows how black text looks on a background with the Hex color BB7987.




This preview shows how white text looks on a background with the Hex color BB7987.

# 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**  
BB7A83

# Trichromacy



**Original Color**  
BB7987

**Protanomaly**  
9E848D

**Deuteranomaly**  
A78285

**Tritanomaly**  
BB7A84

# Monochromacy



**Original Color**  
BB7987

**Achromatopsia**  
8E8E8E

**Achromatomaly**  
9E868B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB7987 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 #BB7987 looks like.

```
.text, #text, p{  
    color:#BB7987  
}
```

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 #BB7987 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB7987
}
```

## Border

The CSS property to change the border of an element to Hex BB7987 is called "border". The border property can be set on classes, ids or directly on the HTML element.

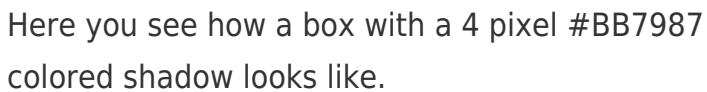
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BB7987 }
```

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

```
.border{ border-color:#BB7987 }
```

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



Here you see how a box with a 4 pixel #BB7987 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB7987; -webkit-box-shadow:4px 4px  
4px 4px #BB7987; box-shadow:4px 4px 4px  
4px #BB7987 }
```

# Background

The CSS property to change the background color of an element to Hex BB7987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB7987 }
```

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

```
.background{ background-color:#BB7987 }
```

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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