

# Converting Colors

Hex(BB7983)

Have a look what the booklet for  
Hex(BB7983) contains.

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# Color

**Hex(BB7983)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BB7983
RGB	187, 121, 131
RGB Percent	73%, 47%, 51%
CMY	0.2667, 0.5255, 0.4863
CMYK	0.00, 0.35, 0.30, 0.27
HSL	351°, 33%, 60%
HSV	351°, 35%, 73%
XYZ	31.4276, 25.8782, 24.8113
YIQ	141.8740, 36.1260, 17.1020

# Conversions

## Conversions Part 2

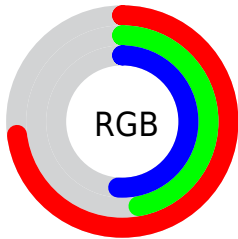
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	187, 121, 131
Decimal	12286339
CIE <sub>Lab</sub>	57.92, 27.12, 5.29
CIE <sub>LCh</sub>	58, 27.634, 11.039
Yxy	25.8782, 0.3827, 0.3151
Android (android.graphics.Color)	4290476419 (0xFFBB7983)
YUV	141.8740, -5.3609, 39.5755
Hunter-Lab	50.8707, 21.2527, 6.6918

# Details

The Hex color **BB7983** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **79BBB1**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **F5AEB8**, and **844752** is the 20% darker color. If you saturate the color by 10%, you get **BB6673**, and if you desaturate by 10%, it is **BB8C93**.

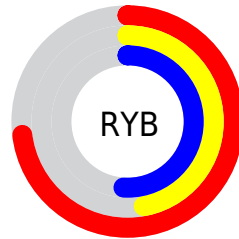
# Distribution



Red (73%)

Green (47%)

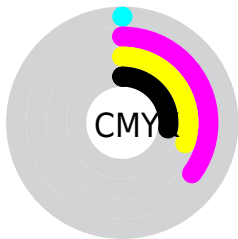
Blue (51%)



Red (73%)

Yellow (47%)

Blue (51%)

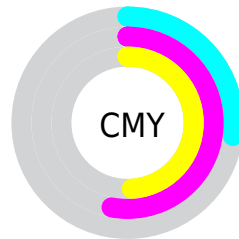


Cyan (0%)

Magenta (35%)

Yellow (30%)

Black (27%)



Cyan (27%)

Magenta (53%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB7983 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 BB7983 by changing the saturation by 10% instead.



 BB7983

 BB7983

FFFFFF

 9F606A

 F5AEB8

 844752

 FFCAD4

 69303B

 FFE6F0

 501825

 370110

 200001

 000000

 BB7983

 BB7983

 BB6673

 BB8C93

 BB5463

 BB9EA3

 BB4153

 BBB1B3

 BB2E44

 BBC4C2

 BB1C34

 BBD6D2

 BB0924

 BBE9E2

 BB001C

 BBFCF2

 BBFFFF

# Harmonies

## Analogous

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



B17B9B



BB7983



B87D6D

# Triad

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



BB7983



789366



5492B8

# Complementary

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



BB7983



79BBB1

# 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.



3B97AA



BB7983



5C977B

# Square

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



BB7983



938D5B



429894



788ABA

# Rectangle

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



BB7983



AF8262



429894



4994B5

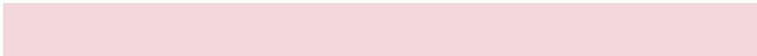


# Sweetspot

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



BB7983



F2D8DC



B079BB



7A6A6D



FAFAFA



7A7A7A



# Same Dimension

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



BB7983



F28D9C



BB8F79



5E5556



9E0018



1F0005



# Inverse Universe

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



BB7983



F28D9C



79A5BB



5E5556



9E0018

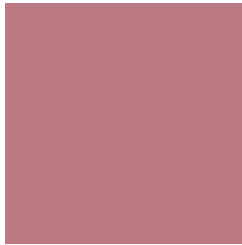


1F0005



# Previews

## White Background



This preview shows how the Hex color BB7983 looks on a white background.

## Color Contrast Check

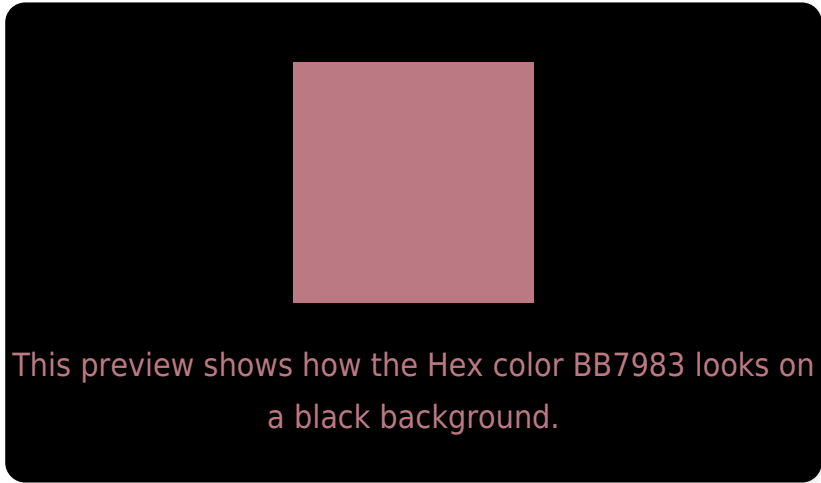
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB7983 Background



This preview shows how black text looks on a background with the Hex color BB7983.



This preview shows how white text looks on a background with the Hex color BB7983.

# 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**  
BB7982

# Trichromacy



**Original Color**  
BB7983

**Protanomaly**  
9E8489

**Deuteranomaly**  
A88282

**Tritanomaly**  
BB7982

# Monochromacy



**Original Color**  
BB7983

**Achromatopsia**  
8E8E8E

**Achromatomaly**  
9E868A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB7983 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 #BB7983 looks like.

```
.text, #text, p{  
    color:#BB7983  
}
```

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 #BB7983 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB7983
}
```

## Border

The CSS property to change the border of an element to Hex BB7983 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
#BB7983 }
```

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

```
.border{ border-color:#BB7983 }
```

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

Here you see how a box with a 4 pixel #BB7983 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB7983; -webkit-box-shadow:4px 4px  
4px 4px #BB7983; box-shadow:4px 4px 4px  
4px #BB7983 }
```

# Background

The CSS property to change the background color of an element to Hex BB7983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB7983 }
```

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

```
.background{ background-color:#BB7983 }
```

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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