

Converting Colors

Hex(BB9F78)

Have a look what the booklet for
Hex(BB9F78) contains.

Hex(BB9F78)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(BB9F78)

Conversions

Conversions Part 1

Format	Color
Hex	BB9F78
RGB	187, 159, 120
RGB Percent	73%, 62%, 47%
CMY	0.2667, 0.3765, 0.5294
CMYK	0.00, 0.15, 0.36, 0.27
HSL	35°, 33%, 60%
HSV	35°, 36%, 73%
XYZ	36.2818, 36.7171, 22.9442
YIQ	162.9260, 29.2070, -6.1930

Conversions

Conversions Part 2

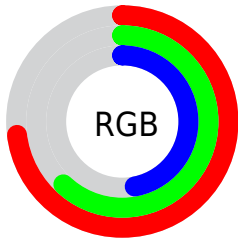
Format	Color
RYB	168, 187, 120
Decimal	12296056
CIELab	67.06, 4.67, 24.20
CIELCh	67, 24.646, 79.079
Yxy	36.7171, 0.3782, 0.3827
Android (android.graphics.Color)	4290486136 (0xFFBB9F78)
YUV	162.9260, -21.1625, 21.1129
Hunter-Lab	60.5947, 0.8385, 19.9661

Details

The Hex color **BB9F78** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **7894BB**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **F4D6AD**, and **856C47** is the 20% darker color. If you saturate the color by 10%, you get **BB9765**, and if you desaturate by 10%, it is **BBA78B**.

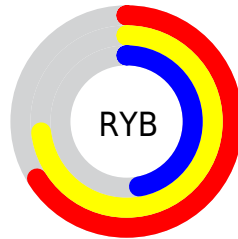
Distribution



Red (73%)

Green (62%)

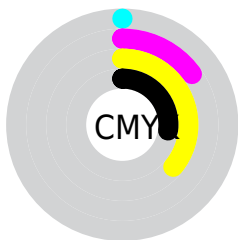
Blue (47%)



Red (66%)

Yellow (73%)

Blue (47%)

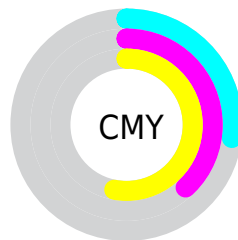


Cyan (0%)

Magenta (15%)

Yellow (36%)

Black (27%)



Cyan (27%)

Magenta (38%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB9F78 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 BB9F78 by changing the saturation by 10% instead.



BB9F78



BB9F78

FFFFFF



9F855F



F4D6AD



856C47



FFF2C8



6A5430



FFFFE4



513C1A



392702



221300



000000



BB9F78



BB9F78



BB9765



BBA78B

 BB8F53

 BBAF9D

 BB8840

 BBB6B0

 BB802D

 BBEC3

 BB781B

 BBC6D5

 BB7008

 BBCEE8

 BB6D00

 BBD6FB

 BBDEFF

 BBE5FF

Harmonies

Analogous

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



CB9883



BB9F78



A5A679

Triad

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



BB9F78



63B0B1



B899C0

Complementary

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



BB9F78



7894BB

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.



9CA0CD



BB9F78



66ADC4

Square

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



BB9F78



73AF9A



7DA8CE



CA94AC

Rectangle

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



BB9F78



94AA80



7DA8CE



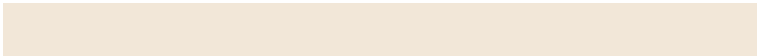
AF9BC6

Sweetspot

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



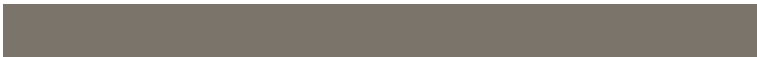
BB9F78



F2E7D8



BB7895



7A746A



FAFAFA



7A7A7A

Same Dimension

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



BB9F78



F2C78A



B7BB78



5E5A55



9E5C00



1F1200

Inverse Universe

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



7894BB



8AB6F2



7C78BB



55595E



00429E



000D1F

Previews

White Background



This preview shows how the Hex color BB9F78 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 BB9F78 Background



This preview shows how black text looks on a background with the Hex color BB9F78.



This preview shows how white text looks on a background with the Hex color BB9F78.

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
BB9F78

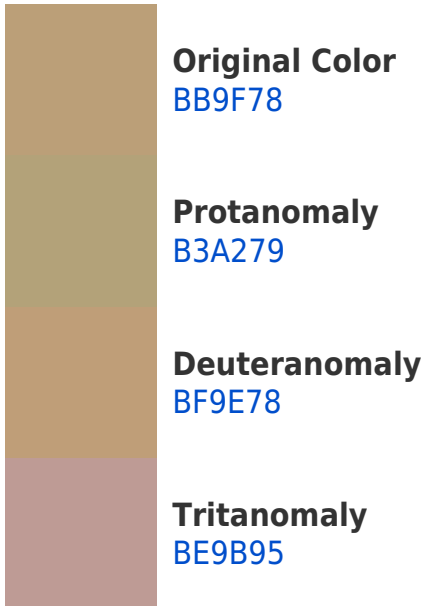
Protanopia
AFA37A

Deuteranopia
C19D78

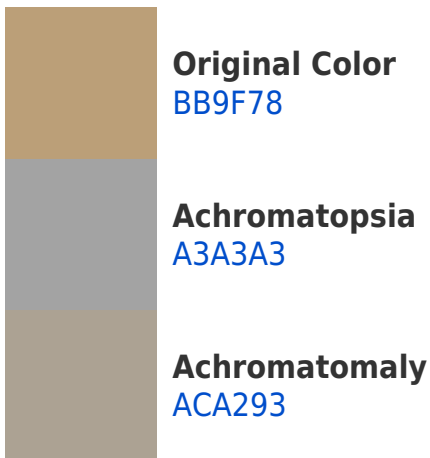


Tritanopia
C099A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BB9F78 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 #BB9F78 looks like.

```
.text, #text, p{  
    color:#BB9F78  
}
```

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 #BB9F78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB9F78  
}
```

Border

The CSS property to change the border of an element to Hex BB9F78 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  
#BB9F78 }
```

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

```
.border{ border-color:#BB9F78 }
```

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

Here you see how a box with a 4 pixel #BB9F78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB9F78; -webkit-box-shadow:4px 4px  
4px 4px #BB9F78; box-shadow:4px 4px 4px  
4px #BB9F78 }
```

Background

The CSS property to change the background color of an element to Hex BB9F78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB9F78 }
```

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

```
.background{ background-color:#BB9F78 }
```

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