

# Converting Colors

Hex(BD8A7B)

Have a look what the booklet for  
Hex(BD8A7B) contains.

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# **Color**

**Hex(BD8A7B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD8A7B
RGB	189, 138, 123
RGB Percent	74%, 54%, 48%
CMY	0.2588, 0.4588, 0.5176
CMYK	0.00, 0.27, 0.35, 0.26
HSL	14°, 33%, 61%
HSV	14°, 35%, 74%
XYZ	33.6499, 30.4258, 22.8381
YIQ	151.5390, 35.2110, 6.1470

# Conversions

## Conversions Part 2

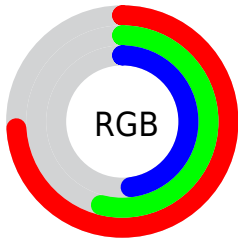
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	189, 142, 123
Decimal	12421755
CIE Lab	62.02, 17.42, 15.69
CIE LCh	62, 23.442, 42.000
Yxy	30.4258, 0.3872, 0.3501
Android (android.graphics.Color)	4290611835 (0xFFBD8A7B)
YUV	151.5390, -14.0697, 32.8533
Hunter-Lab	55.1596, 12.3638, 14.0635

# Details

The Hex color **BD8A7B** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **7BAEBD**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **F7C0AF**, and **86584A** is the 20% darker color. If you saturate the color by 10%, you get **BD7B68**, and if you desaturate by 10%, it is **BD998E**.

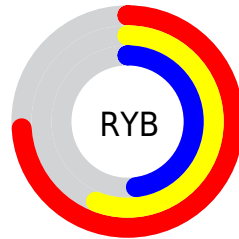
# Distribution



Red (74%)

Green (54%)

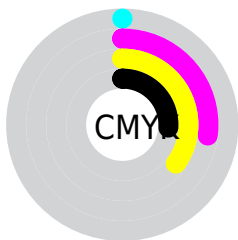
Blue (48%)



Red (74%)

Yellow (56%)

Blue (48%)

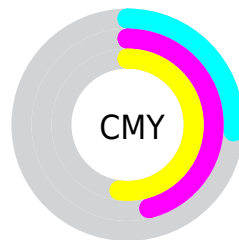


Cyan (0%)

Magenta (27%)

Yellow (35%)

Black (26%)



Cyan (26%)

Magenta (46%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD8A7B 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 BD8A7B by changing the saturation by 10% instead.



 BD8A7B

 BD8A7B

FFFFFF

 A17062

 F7C0AF

 86584A

 FFDCCB

 6C4034

 FFF8E7

 522A1E

 3A1406

 240000

 000000

 BD8A7B

 BD8A7B

 BD7B68

 BD998E

 BD6D55

 BDA7A1

 BD5E42

 BDB6B4

 BD502F

 BDC4C7

 BD411C

 BDD3DA

 BD320A

 BDE2EC

 BD2B00

 BDF0FF

 BDFFFF

# Harmonies

## Analogous

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



C0878E



BD8A7B



B0906F

# Triad

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



BD8A7B



6EA188



8895BE

# Complementary

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



BD8A7B



7BAEBD

# 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.



6C9BBD



BD8A7B



5CA29E

# Square

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



BD8A7B



859D77



5AA0B1



A48EB5

# Rectangle

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



BD8A7B



A4956C



5AA0B1



7E97BF



# Sweetspot

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



BD8A7B



F5E2DC



BD7BAF



7A6F6C



FAFAFA



7A7A7A



# Same Dimension

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



BD8A7B



F5A58E



BDAA7B



5E5755



9E2400



1F0700



# Inverse Universe

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



7BAEBD



8EDDF5



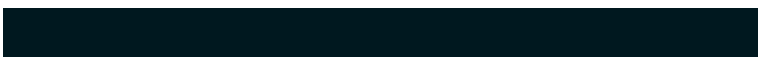
7B8EBD



555C5E



007A9E



00181F



# Previews

## White Background



This preview shows how the Hex color BD8A7B looks on a white background.

## Color Contrast Check

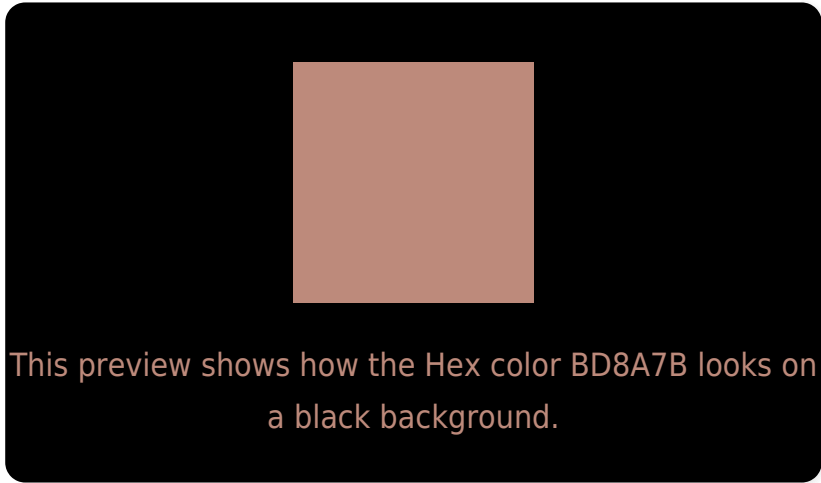
Large Text (above 18pt) WCAG AA × Fail

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

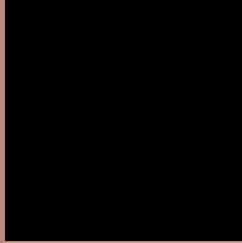
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BD8A7B Background



This preview shows how black text looks on a background with the Hex color BD8A7B.

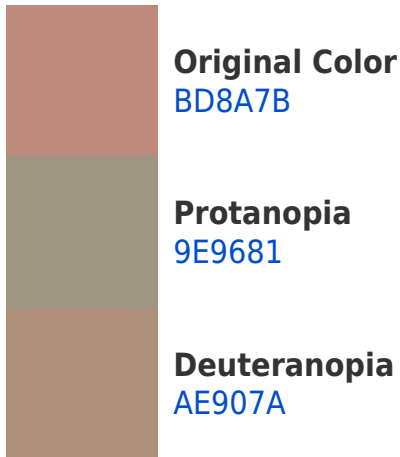


This preview shows how white text looks on a background with the Hex color BD8A7B.

# 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**  
BF8791

# Trichromacy



**Original Color**  
BD8A7B

**Protanomaly**  
A9927F

**Deuteranomaly**  
B38E7A

**Tritanomaly**  
BE8889

# Monochromacy



**Original Color**  
BD8A7B

**Achromatopsia**  
989898

**Achromatomaly**  
A5938D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD8A7B 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 #BD8A7B looks like.

```
.text, #text, p{  
    color:#BD8A7B  
}
```

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 #BD8A7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD8A7B  
}
```

## Border

The CSS property to change the border of an element to Hex BD8A7B 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  
#BD8A7B }
```

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

```
.border{ border-color:#BD8A7B }
```

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

Here you see how a box with a 4 pixel #BD8A7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD8A7B; -webkit-box-shadow:4px 4px  
4px 4px #BD8A7B; box-shadow:4px 4px 4px  
4px #BD8A7B }
```

# Background

The CSS property to change the background color of an element to Hex BD8A7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD8A7B }
```

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

```
.background{ background-color:#BD8A7B }
```

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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