

Converting Colors

Hex(BD987B)

Have a look what the booklet for
Hex(BD987B) contains.

Hex(BD987B)	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(BD987B)

Conversions

Conversions Part 1

Format	Color
Hex	BD987B
RGB	189, 152, 123
RGB Percent	74%, 60%, 48%
CMY	0.2588, 0.4039, 0.5176
CMYK	0.00, 0.20, 0.35, 0.26
HSL	26°, 33%, 61%
HSV	26°, 35%, 74%
XYZ	35.7897, 34.7054, 23.5514
YIQ	159.7570, 31.3610, -1.1750

Conversions

Conversions Part 2

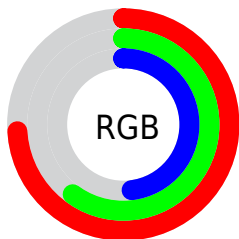
Format	Color
RYB	189, 175, 123
Decimal	12425339
CIELab	65.52, 9.68, 20.49
CIELCh	66, 22.667, 64.707
Yxy	34.7054, 0.3806, 0.3690
Android (android.graphics.Color)	4290615419 (0xFFBD987B)
YUV	159.7570, -18.1212, 25.6461
Hunter-Lab	58.9112, 5.3473, 17.5351

Details

The Hex color **BD987B** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **7BA0BD**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **F6CEB0**, and **86654A** is the 20% darker color. If you saturate the color by 10%, you get **BD8D68**, and if you desaturate by 10%, it is **BDA38E**.

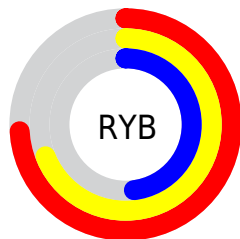
Distribution



Red (74%)

Green (60%)

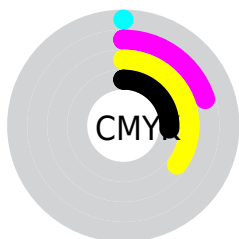
Blue (48%)



Red (74%)

Yellow (69%)

Blue (48%)

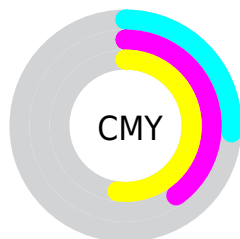


Cyan (0%)

Magenta (20%)

Yellow (35%)

Black (26%)



Cyan (26%)

Magenta (40%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD987B 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 BD987B by changing the saturation by 10% instead.

 BD987B

 BD987B

FFFFFF

 A17E62

 F6CEB0

 86654A

 FFEACB

 6C4D33

 FFFFE7

 53361E

 3A2106

 230C00

 000000

 BD987B

 BD987B

 BD8D68

 BDA38E

 BD8355

 BDADA1

 BD7842

 BDB8B4

 BD6E2F

 BDC2C7

 BD631C

 BDCDDA

 BD580A

 BDD8EC

 BD5300

 BDE2FF

 BDEDFD

 BDF7FF

Harmonies

Analogous

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



C79289



BD987B



AB9F77

Triad

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



BD987B



6BABA2



A799C0

Complementary

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



BD987B



7BA0BD

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.



8BA0C7



BD987B



65AAB5

Square

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



BD987B



7EA98D



71A6C3



BC93B1

Rectangle

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



BD987B



9CA37A



71A6C3



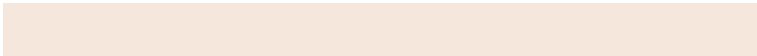
9E9BC4

Sweetspot

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



BD987B



F5E7DC



BD7BA0



7A726C



FAFAFA



7A7A7A

Same Dimension

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



BD987B



F5BB8E



BDB97B



5E5955



9E4500



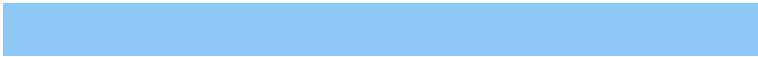
1F0D00

Inverse Universe

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



7BA0BD



8EC8F5



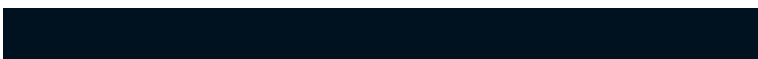
7B7FBD



555A5E



00599E



00111F

Previews

White Background



This preview shows how the Hex color BD987B looks on a white background.

Color Contrast Check

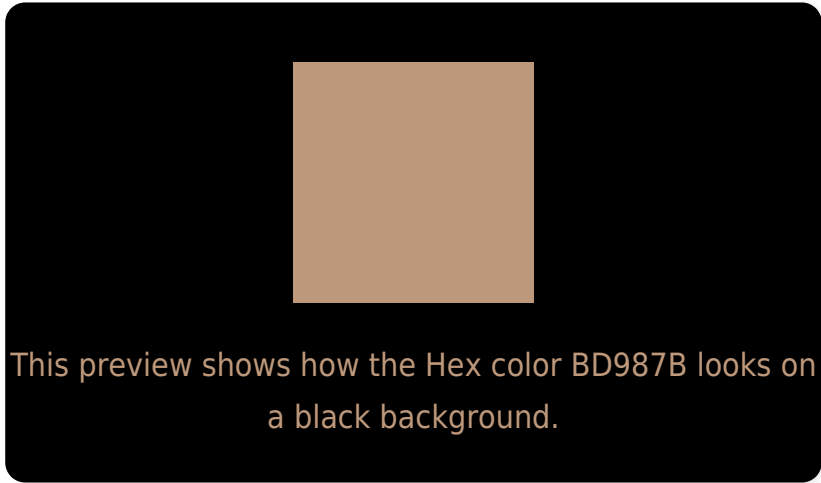
Large Text (above 18pt) WCAG AA × Fail

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

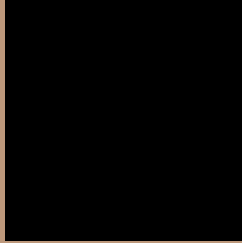
Any Text WCAG AA ✓ Pass

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 BD987B Background



This preview shows how black text looks on a background with the Hex color BD987B.



This preview shows how white text looks on a background with the Hex color BD987B.

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



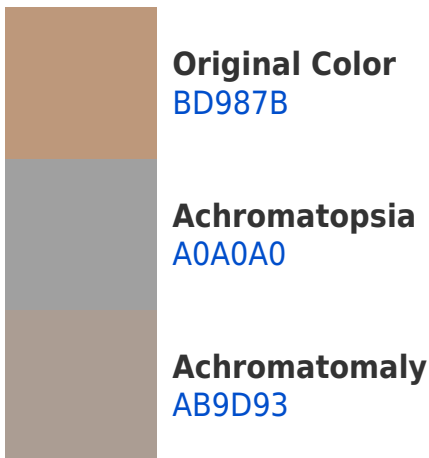


Tritanopia
C1939E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BD987B 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 #BD987B looks like.

```
.text, #text, p{  
    color:#BD987B  
}
```

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 #BD987B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD987B  
}
```

Border

The CSS property to change the border of an element to Hex BD987B 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  
#BD987B }
```

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

```
.border{ border-color:#BD987B }
```

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

Here you see how a box with a 4 pixel #BD987B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD987B; -webkit-box-shadow:4px 4px  
4px 4px #BD987B; box-shadow:4px 4px 4px  
4px #BD987B }
```

Background

The CSS property to change the background color of an element to Hex BD987B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD987B }
```

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

```
.background{ background-color:#BD987B }
```

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