

# Converting Colors

Hex(BD8E5A)

Have a look what the booklet for  
Hex(BD8E5A) contains.

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# **Color**

**Hex(BD8E5A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD8E5A
RGB	189, 142, 90
RGB Percent	74%, 56%, 35%
CMY	0.2588, 0.4431, 0.6471
CMYK	0.00, 0.25, 0.52, 0.26
HSL	32°, 43%, 55%
HSV	32°, 52%, 74%
XYZ	32.5047, 30.9030, 13.9246
YIQ	150.1250, 44.7040, -6.2080

# Conversions

## Conversions Part 2

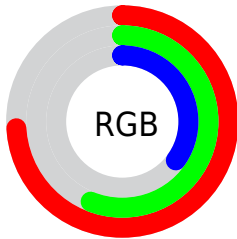
Format	Color
<a href="#">RYB</a>	<a href="#">179, 189, 90</a>
Decimal	<a href="#">12422746</a>
<a href="#">CIELab</a>	<a href="#">62.43, 11.61, 34.45</a>
<a href="#">CIELCh</a>	<a href="#">62, 36.358, 71.373</a>
<a href="#">Yxy</a>	<a href="#">30.9030, 0.4203, 0.3996</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4290612826 (0xFFBD8E5A)</a>
<a href="#">YUV</a>	<a href="#">150.1250, -29.6416, 34.0934</a>
<a href="#">Hunter-Lab</a>	<a href="#">55.5905, 7.0888, 24.0621</a>

# Details

The Hex color **BD8E5A** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **5A89BD**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **F7C48D**, and **855C2A** is the 20% darker color. If you saturate the color by 10%, you get **BD8547**, and if you desaturate by 10%, it is **BD976D**.

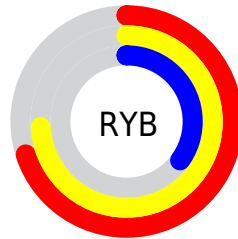
# Distribution



Red (74%)

Green (56%)

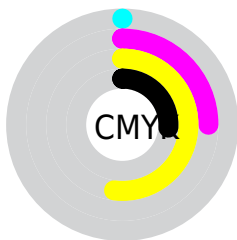
Blue (35%)



Red (70%)

Yellow (74%)

Blue (35%)

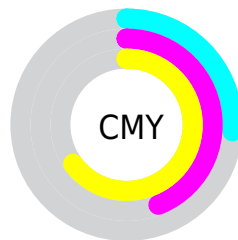


Cyan (0%)

Magenta (25%)

Yellow (52%)

Black (26%)



Cyan (26%)

Magenta (44%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD8E5A 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 BD8E5A by changing the saturation by 10% instead.



 BD8E5A

 BD8E5A

FFFFFF

 A17442

 F7C48D

 855C2A

 FFE0A8

 6A4413

 FFFCC3

 502E00

 FFFFDF

 361900

 FFFFFC

 1E0000

 000000

 BD8E5A

 BD8E5A

 BD8547

 BD976D

 BD7C34

 BDA080

 BD7321

 BDA993

 BD6A0E

 BDB2A6

 BD6300

 BDBBB9

 BDC4CB

 BDCDDE

 BDD6F1

 BDDFFF

# Harmonies

## Analogous

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



D0836E



BD8E5A



A09957

# Triad

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



BD8E5A



1AA8A3



AA8AC8

# Complementary

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



BD8E5A



5A89BD

# 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.



7C96D6



BD8E5A



00A6C1

# Square

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



BD8E5A



53A781



40A0D3



C980AC

# Rectangle

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



BD8E5A



899F5F



40A0D3



9C8ECE



# Sweetspot

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



BD8E5A



F5E2CE



BD5A8A



7A6F63



FAFAFA



7A7A7A



# Same Dimension

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



BD8E5A



F5AC5B



BBBD5A



5E5A55



9E5300



1F1000



# Inverse Universe

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



5A89BD



5BA4F5



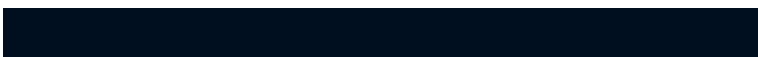
5C5ABD



55595E



004B9E



000F1F



# Previews

## White Background



This preview shows how the Hex color BD8E5A looks on a white background.

## Color Contrast Check

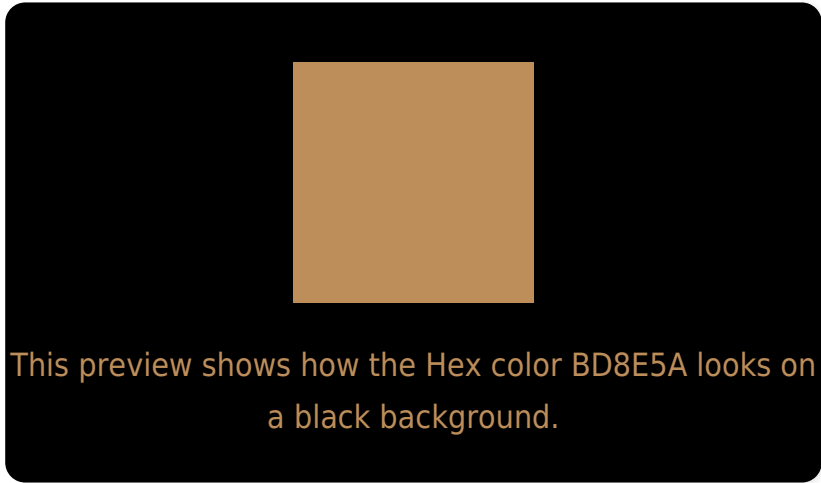
Large Text (above 18pt) WCAG AA × Fail

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

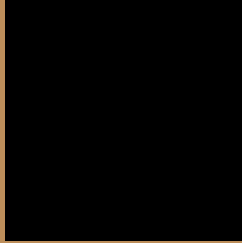
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BD8E5A Background



This preview shows how black text looks on a background with the Hex color BD8E5A.



This preview shows how white text looks on a background with the Hex color BD8E5A.

# 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**  
BD8E5A

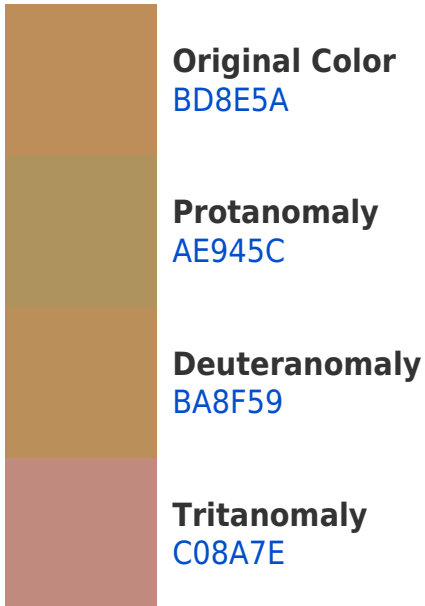
**Protanopia**  
A5975D

**Deuteranopia**  
B89059

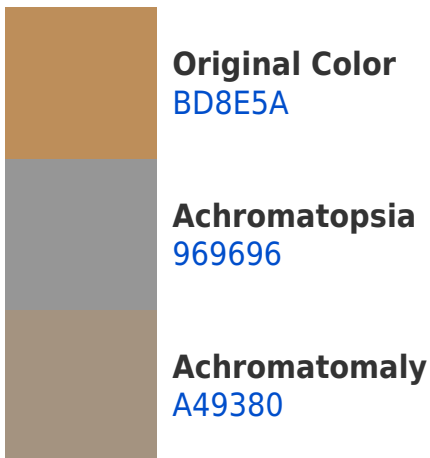


**Tritanopia**  
C28792

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD8E5A 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 #BD8E5A looks like.

```
.text, #text, p{  
    color:#BD8E5A  
}
```

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 #BD8E5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD8E5A
}
```

## Border

The CSS property to change the border of an element to Hex BD8E5A 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
#BD8E5A }
```

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

```
.border{ border-color:#BD8E5A }
```

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

Here you see how a box with a 4 pixel #BD8E5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD8E5A; -webkit-box-shadow:4px 4px  
4px 4px #BD8E5A; box-shadow:4px 4px 4px  
4px #BD8E5A }
```

# Background

The CSS property to change the background color of an element to Hex BD8E5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD8E5A }
```

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

```
.background{ background-color:#BD8E5A }
```

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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