

# Converting Colors

Hex(BD8248)

Have a look what the booklet for  
Hex(BD8248) contains.

<b>Hex(BD8248)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(BD8248)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD8248
RGB	189, 130, 72
RGB Percent	74%, 51%, 28%
CMY	0.2588, 0.4902, 0.7176
CMYK	0.00, 0.31, 0.62, 0.26
HSL	30°, 47%, 51%
HSV	30°, 62%, 74%
XYZ	30.1386, 27.2520, 9.8026
YIQ	141.0290, 53.7820, -5.5300

# Conversions

## Conversions Part 2

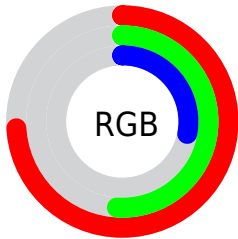
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	189, 187, 72
Decimal	12419656
CIE Lab	59.21, 16.79, 40.03
CIE LCh	59, 43.407, 67.247
Yxy	27.2520, 0.4485, 0.4056
Android (android.graphics.Color)	4290609736 (0xFFBD8248)
YUV	141.0290, -34.0313, 42.0706
Hunter-Lab	52.2034, 11.6974, 25.4091

# Details

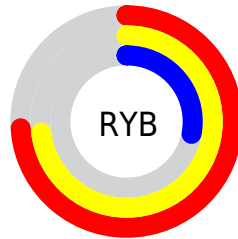
The Hex color **BD8248** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **4883BD**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **F8B77A**, and **845118** is the 20% darker color. If you saturate the color by 10%, you get **BD7835**, and if you desaturate by 10%, it is **BD8C5B**.

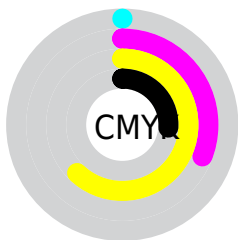
# Distribution



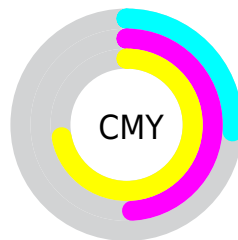
- Red (74%)
- Green (51%)
- Blue (28%)



- Red (74%)
- Yellow (73%)
- Blue (28%)



- Cyan (0%)
- Magenta (31%)
- Yellow (62%)
- Black (26%)



- Cyan (26%)
- Magenta (49%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD8248 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 BD8248 by changing the saturation by 10% instead.



 BD8248

 BD8248

FFFFFF

 A06930

 F8B77A

 845118

 FFD394

 683900

 FFEF8F

 4D2300

 FFFF8F

 330F00

 FFFF8F

 1A0001

 000000

 BD8248

 BD8248

 BD7835

 BD8C5B

 BD6F22

 BD956E

 BD650F

 BD9F81

 BD5E00

 BDA894

 BDB2A7

 BDBBB9

 BDC5CC

 BDCEDF

 BDD8F2

# Harmonies

## Analogous

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



D27562



BD8248



9C8F40

# Triad

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



BD8248



00A297



9E81CB

# Complementary

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



BD8248



4883BD

# 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.



5F8FDA



BD8248



00A0BC

# Square

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



BD8248



3EA070



009AD4



C574AD

# Rectangle

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



BD8248



829748



009AD4



8C86D2



# Sweetspot

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



BD8248



F5DDC6



BD4884



7A6C5E



FAFAFA



7A7A7A



# Same Dimension

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



BD8248



F59940



BDBB48



5E5A55



9E4E00



1F0F00



# Inverse Universe

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



4883BD



409BF5



484ABD



555A5E



00509E

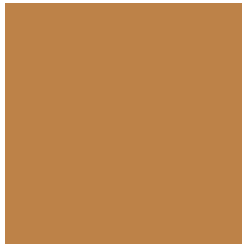


000F1F



# Previews

## White Background



This preview shows how the Hex color BD8248 looks on a white background.

## Color Contrast Check

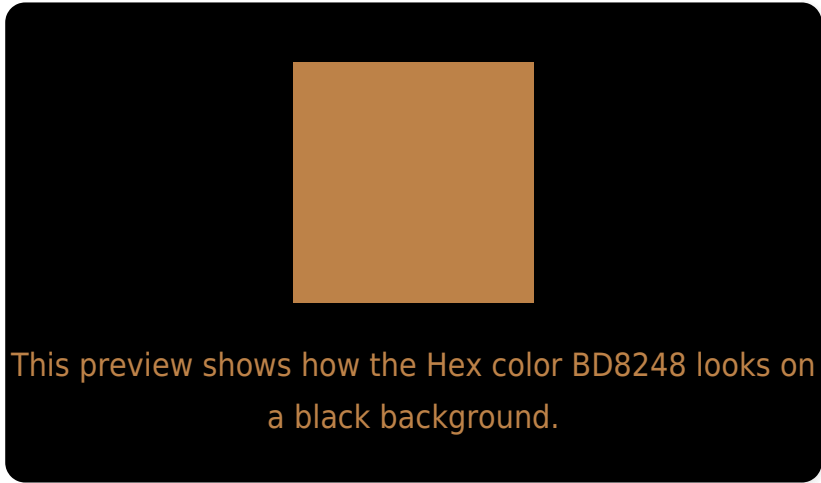
Large Text (above 18pt) WCAG AA ✓ Pass

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

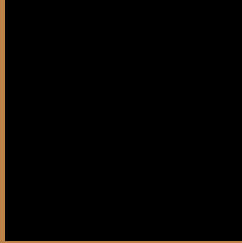
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BD8248 Background



This preview shows how black text looks on a background with the Hex color BD8248.



This preview shows how white text looks on a background with the Hex color BD8248.

# 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**  
BD8248

**Protanopia**  
9D8F4C

**Deuteranopia**  
B08847



**Tritanopia**  
C17B84

# Trichromacy



**Original Color**  
BD8248

**Protanomaly**  
A98A4B

**Deuteranomaly**  
B58647

**Tritanomaly**  
C07E6E

# Monochromacy



**Original Color**  
BD8248

**Achromatopsia**  
8D8D8D

**Achromatomaly**  
9E8974

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD8248 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 #BD8248 looks like.

```
.text, #text, p{  
    color:#BD8248  
}
```

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 #BD8248 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD8248  
}
```

## Border

The CSS property to change the border of an element to Hex BD8248 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  
#BD8248 }
```

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

```
.border{ border-color:#BD8248 }
```

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

Here you see how a box with a 4 pixel #BD8248 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD8248; -webkit-box-shadow:4px 4px  
4px 4px #BD8248; box-shadow:4px 4px 4px  
4px #BD8248 }
```

# Background

The CSS property to change the background color of an element to Hex BD8248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD8248 }
```

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

```
.background{ background-color:#BD8248 }
```

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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