

# Converting Colors

Hex(BD8C37)

Have a look what the booklet for  
Hex(BD8C37) contains.

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**Color**

**Hex(BD8C37)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD8C37
RGB	189, 140, 55
RGB Percent	74%, 55%, 22%
CMY	0.2588, 0.4510, 0.7843
CMYK	0.00, 0.26, 0.71, 0.26
HSL	38°, 55%, 48%
HSV	38°, 71%, 74%
XYZ	31.0539, 29.8508, 7.7395
YIQ	144.9610, 56.4890, -16.0470

# Conversions

## Conversions Part 2

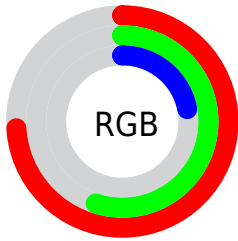
<b>Format</b>	<b>Color</b>
<b>RYB</b>	132, 189, 55
Decimal	12422199
CIELab	61.53, 10.21, 50.82
CIElCh	62, 51.833, 78.637
Yxy	29.8508, 0.4524, 0.4349
Android (android.graphics.Color)	4290612279 (0xFFBD8C37)
YUV	144.9610, -44.3508, 38.6222
Hunter-Lab	54.6359, 5.8429, 29.8464

# Details

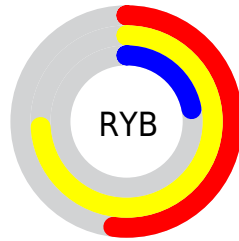
The Hex color **BD8C37** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **3768BD**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **F9C16A**, and **835A00** is the 20% darker color. If you saturate the color by 10%, you get **BD8524**, and if you desaturate by 10%, it is **BD934A**.

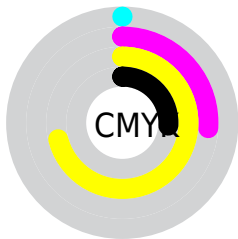
# Distribution



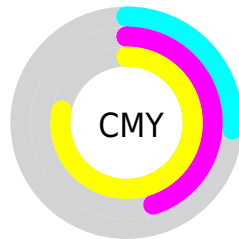
- Red (74%)
- Green (55%)
- Blue (22%)



- Red (52%)
- Yellow (74%)
- Blue (22%)



- Cyan (0%)
- Magenta (26%)
- Yellow (71%)
- Black (26%)



- Cyan (26%)
- Magenta (45%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD8C37 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 BD8C37 by changing the saturation by 10% instead.



 BD8C37

 BD8C37

FFFFFF

 A0731D

 F9C16A

 835A00

 FFDD85

 684300

 FFFAA0

 4D2D00

 FFFFBB

 321800

 FFFFD7

 1B0000

 FFFFF4

 000000

 BD8C37

 BD8C37

 BD8524

 BD934A

 BD7E11

 BD9A5D

 BD7800

 BDA170

 BDA883

 BDAF96

 BDB5A8

 BDBCBB

 BDC3CE

 BDCAE1

# Harmonies

## Analogous

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



DC7B51



BD8C37



929B38

# Triad

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



BD8C37



00ABB0



BB7DD2

# Complementary

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



BD8C37



3768BD

# 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.



798FEC



BD8C37



00A8D8

# Square

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



BD8C37



00AA81



009FEE



E06EA8

# Rectangle

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



BD8C37



70A249



009FEE



A983DD

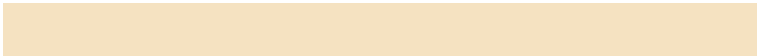


# Sweetspot

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



BD8C37



F5E2C1



BD3768



7A6F5C



FAFAFA



7A7A7A



# Same Dimension

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



BD8C37



F5A925



ABB37



5E5B55



9E6400



1F1300



# Inverse Universe

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



3768BD



2571F5



4937BD



55585E



003A9E



000B1F



# Previews

## White Background



This preview shows how the Hex color BD8C37 looks on a white background.

## Color Contrast Check

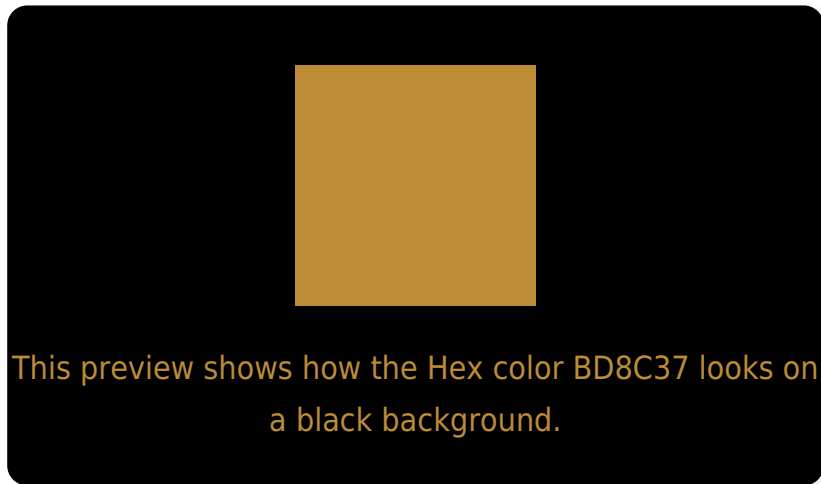
Large Text (above 18pt) WCAG AA ✓ Pass

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

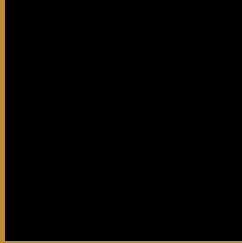
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BD8C37 Background



This preview shows how black text looks on a background with the Hex color BD8C37.



This preview shows how white text looks on a background with the Hex color BD8C37.

# 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**  
BD8C37

**Protanopia**  
A6953A

**Deuteranopia**  
BA8D37



**Tritanopia**  
C3838D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD8C37 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 #BD8C37 looks like.

```
.text, #text, p{  
    color:#BD8C37  
}
```

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 #BD8C37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD8C37
}
```

## Border

The CSS property to change the border of an element to Hex BD8C37 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
#BD8C37 }
```

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

```
.border{ border-color:#BD8C37 }
```

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

Here you see how a box with a 4 pixel #BD8C37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD8C37; -webkit-box-shadow:4px 4px  
4px 4px #BD8C37; box-shadow:4px 4px 4px  
4px #BD8C37 }
```

# Background

The CSS property to change the background color of an element to Hex BD8C37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD8C37 }
```

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

```
.background{ background-color:#BD8C37 }
```

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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