

# Converting Colors

Hex(BC8F2F)

Have a look what the booklet for  
Hex(BC8F2F) contains.

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# **Color**

**Hex(BC8F2F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BC8F2F
RGB	188, 143, 47
RGB Percent	74%, 56%, 18%
CMY	0.2627, 0.4392, 0.8157
CMYK	0.00, 0.24, 0.75, 0.26
HSL	41°, 60%, 46%
HSV	41°, 75%, 74%
XYZ	31.0746, 30.5415, 6.9466
YIQ	145.5110, 57.6360, -20.3160

# Conversions

## Conversions Part 2

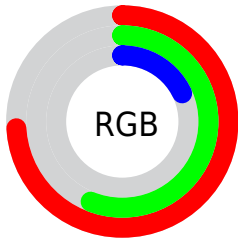
Format	Color
R <sub>Y</sub> B	113, 188, 47
Decimal	12357423
CIE Lab	62.12, 7.73, 54.77
CIE LCh	62, 55.314, 81.966
Yxy	30.5415, 0.4532, 0.4455
Android (android.graphics.Color)	4290547503 (0xFFBC8F2F)
YUV	145.5110, -48.5659, 37.2629
Hunter-Lab	55.2644, 3.6560, 31.2324

# Details

The Hex color **BC8F2F** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **2F5CBC**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **F8C563**, and **825D00** is the 20% darker color. If you saturate the color by 10%, you get **BC891C**, and if you desaturate by 10%, it is **BC9542**.

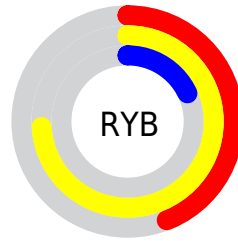
# Distribution



Red (74%)

Green (56%)

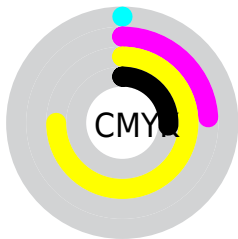
Blue (18%)



Red (44%)

Yellow (74%)

Blue (18%)

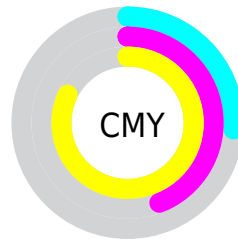


Cyan (0%)

Magenta (24%)

Yellow (75%)

Black (26%)



Cyan (26%)

Magenta (44%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC8F2F 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 BC8F2F by changing the saturation by 10% instead.



 BC8F2F

 BC8F2F

FFFFFF

 9F7611

 F8C563

 825D00


 FFE07E

 674600

 FFFD99

 4B3000

 FFFFB4

 311B00

 FFFFDD

 190100

 FFFFEE

 000000

 BC8F2F

 BC8F2F

 BC891C

 BC9542

 BC8309

 BC9B55

 BC8000

 BCA167

 BCA77A

 BCAD8D

 BCB3A0

 BCB9B3

 BCBFC5

 BCC5D8

# Harmonies

## Analogous

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



DF7C4A



BC8F2F



8E9E34

# Triad

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



BC8F2F



00AEB9



C57AD3

# Complementary

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



BC8F2F



2F5CBC

# 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.



818FF1



BC8F2F



00AAE2

# Square

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



BC8F2F



00AD87



009FF7



E96BA5

# Rectangle

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



BC8F2F



68A649



009FF7



B281DF



# Sweetspot

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



BC8F2F



F5E3BC



BC2F5E



7A6F58



FAFAFA



7A7A7A



# Same Dimension

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



BC8F2F



F5AE18



A5BC2F



5E5B55



9E6C00



1F1500



# Inverse Universe

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



2F5CBC



185FF5



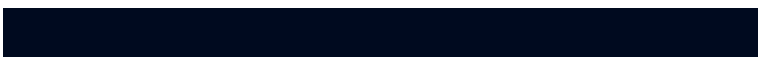
462FBC



55585E



00329E



000A1F



# Previews

## White Background



This preview shows how the Hex color BC8F2F looks on a white background.

## Color Contrast Check

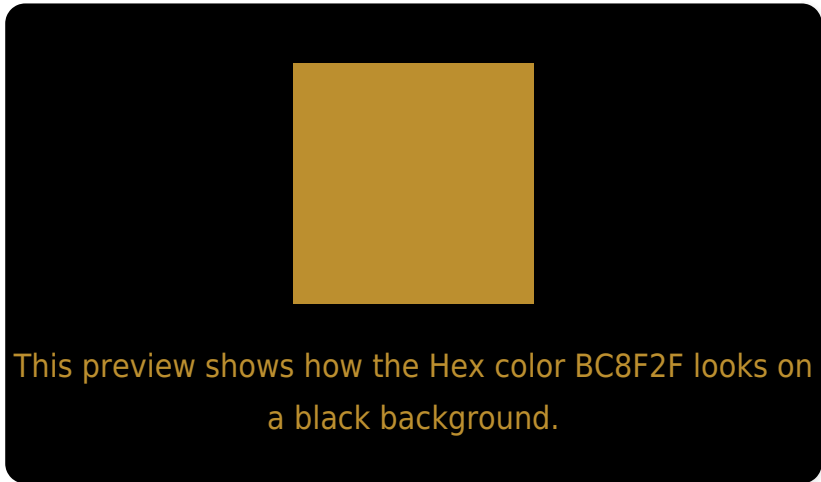
Large Text (above 18pt) WCAG AA × Fail

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 BC8F2F Background



This preview shows how black text looks on a background with the Hex color BC8F2F.



This preview shows how white text looks on a background with the Hex color BC8F2F.

# 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**  
BC8F2F

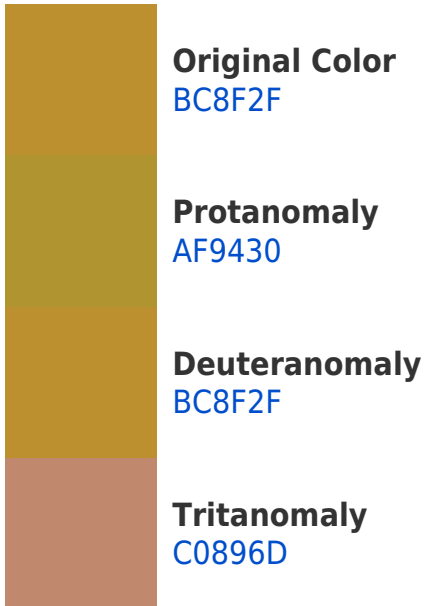
**Protanopia**  
A89731

**Deuteranopia**  
BC8F2F

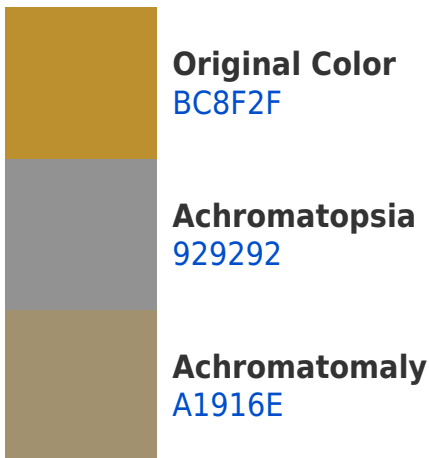


**Tritanopia**  
C28690

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC8F2F 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 #BC8F2F looks like.

```
.text, #text, p{  
    color:#BC8F2F  
}
```

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 #BC8F2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC8F2F
}
```

## Border

The CSS property to change the border of an element to Hex BC8F2F 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
#BC8F2F }
```

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

```
.border{ border-color:#BC8F2F }
```

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

Here you see how a box with a 4 pixel #BC8F2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC8F2F; -webkit-box-shadow:4px 4px  
4px 4px #BC8F2F; box-shadow:4px 4px 4px  
4px #BC8F2F }
```

# Background

The CSS property to change the background color of an element to Hex BC8F2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC8F2F }
```

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

```
.background{ background-color:#BC8F2F }
```

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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