

# Converting Colors

Hex(B08E2F)

Have a look what the booklet for  
Hex(B08E2F) contains.

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# Color

Hex(**B08E2F**)

# Conversions

## Conversions Part 1

Format	Color
Hex	B08E2F
RGB	176, 142, 47
RGB Percent	69%, 56%, 18%
CMY	0.3098, 0.4431, 0.8157
CMYK	0.00, 0.19, 0.73, 0.31
HSL	44°, 58%, 44%
HSV	44°, 73%, 69%
XYZ	28.0906, 28.7813, 6.7641
YIQ	141.3360, 50.7590, -22.3370

# Conversions

## Conversions Part 2

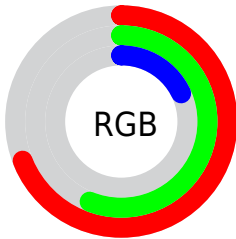
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 176, 47
Decimal	11570735
CIELab	60.59, 2.93, 52.84
CIELCh	61, 52.920, 86.826
Yxy	28.7813, 0.4414, 0.4523
Android (android.graphics.Color)	4289760815 (0xFFB08E2F)
YUV	141.3360, -46.5076, 30.4003
Hunter-Lab	53.6482, -0.4206, 30.0783

# Details

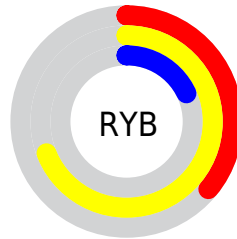
The Hex color **B08E2F** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **2F51B0**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **EBC363**, and **775C00** is the 20% darker color. If you saturate the color by 10%, you get **B0891D**, and if you desaturate by 10%, it is **B09341**.

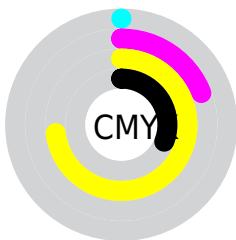
# Distribution



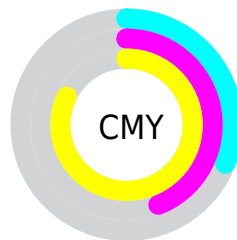
- Red (69%)
- Green (56%)
- Blue (18%)



- Red (36%)
- Yellow (69%)
- Blue (18%)



- Cyan (0%)
- Magenta (19%)
- Yellow (73%)
- Black (31%)



- Cyan (31%)
- Magenta (44%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B08E2F 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 B08E2F by changing the saturation by 10% instead.





B08E2F



B08E2F

FFFFFF



937512



EBC363



775C00



FFDF7D



5D4500



FFFC98



422F00



FFFFB4



281A00



FFFFD0



0B0000



FFFFED



000000



B08E2F



B08E2F



B0891D



B09341

 B0850C

 B09752

 B08200

 B09C64

 B0A175

 B0A587

 B0AA99

 B0AEAA

 B0B3BC

 B0B8CD

# Harmonies

## Analogous

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



D37C44



B08E2F



829C39

# Triad

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



B08E2F



00A9BB



C675C6

# Complementary

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



B08E2F



2F51B0

# 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.



8B88E6



B08E2F



00A4E0

# Square

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



B08E2F



00A98B



0099EF



E46999

# Rectangle

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



B08E2F



5DA24F



0099EF



B67BD2



# Sweetspot

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



B08E2F



E6D8B3



B02F51



736B55



F2F2F2



737373



# Same Dimension

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



B08E2F



E6B01C



92B02F



595750



997100



1A1300



# Inverse Universe

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



2F51B0



1C51E6



4D2FB0



505359



002899

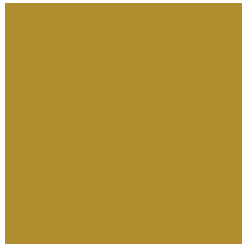


00071A



# Previews

## White Background



This preview shows how the Hex color B08E2F looks on a white background.

## Color Contrast Check

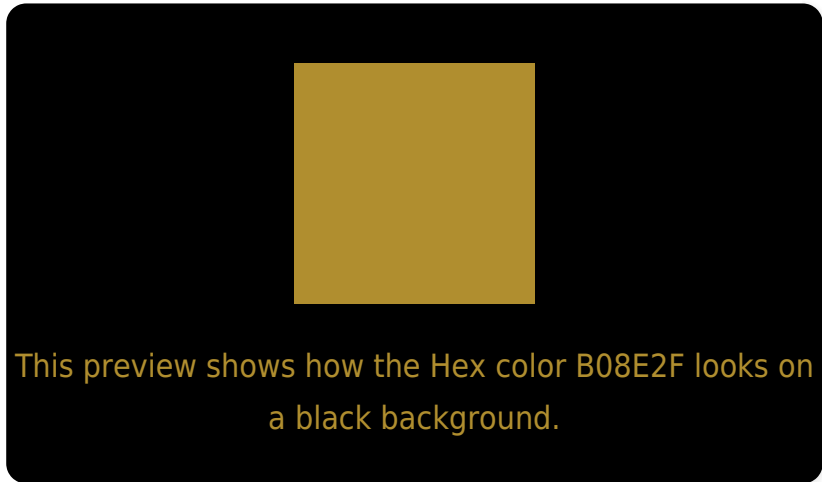
Large Text (above 18pt) WCAG AA ✓ Pass

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 B08E2F Background



This preview shows how black text looks on a background with the Hex color B08E2F.



This preview shows how white text looks on a background with the Hex color B08E2F.

# 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**  
B08E2F

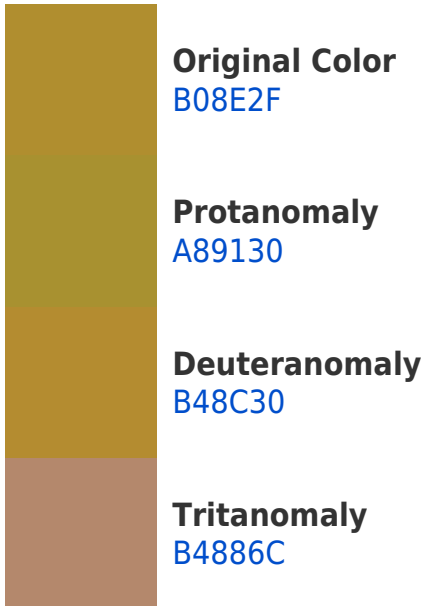
**Protanopia**  
A49330

**Deuteranopia**  
B78B30

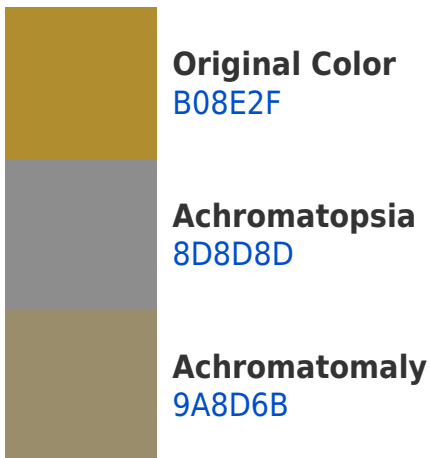


**Tritanopia**  
B7858F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B08E2F 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 #B08E2F looks like.

```
.text, #text, p{  
    color:#B08E2F  
}
```

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 #B08E2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B08E2F
}
```

## Border

The CSS property to change the border of an element to Hex B08E2F 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
#B08E2F }
```

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

```
.border{ border-color:#B08E2F }
```

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

Here you see how a box with a 4 pixel #B08E2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B08E2F; -webkit-box-shadow:4px 4px  
4px 4px #B08E2F; box-shadow:4px 4px 4px  
4px #B08E2F }
```

# Background

The CSS property to change the background color of an element to Hex B08E2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B08E2F }
```

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

```
.background{ background-color:#B08E2F }
```

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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