

# Converting Colors

Hex(EB8A17)

Have a look what the booklet for  
Hex(EB8A17) contains.

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**Color**

**Hex(EB8A17)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB8A17
RGB	235, 138, 23
RGB Percent	92%, 54%, 9%
CMY	0.0784, 0.4588, 0.9098
CMYK	0.00, 0.41, 0.90, 0.08
HSL	33°, 84%, 51%
HSV	33°, 90%, 92%
XYZ	43.5041, 35.9010, 5.4473
YIQ	153.8930, 94.7270, -15.2010

# Conversions

## Conversions Part 2

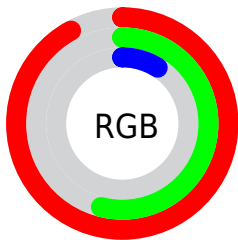
Format	Color
R <sub>Y</sub> B	202, 235, 23
Decimal	15436311
CIE Lab	66.44, 29.97, 68.45
CIE LCh	66, 74.723, 66.356
Yxy	35.9010, 0.5127, 0.4231
Android (android.graphics.Color)	4293626391 (0xFFEB8A17)
YUV	153.8930, -64.5302, 71.1308
Hunter-Lab	59.9174, 24.7475, 36.5520

# Details

The Hex color **EB8A17** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **1778EB**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFC053**, and **AD5700** is the 20% darker color. If you saturate the color by 10%, you get **EB7F00**, and if you desaturate by 10%, it is **EB952F**.

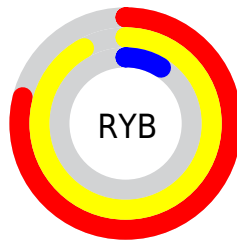
# Distribution



Red (92%)

Green (54%)

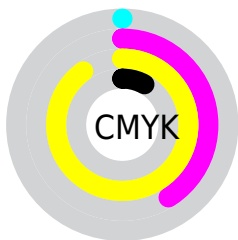
Blue (9%)



Red (79%)

Yellow (92%)

Blue (9%)

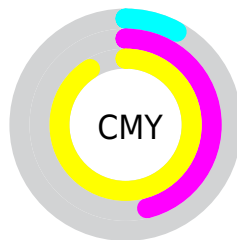


Cyan (0%)

Magenta (41%)

Yellow (90%)

Black (8%)



Cyan (8%)

Magenta (46%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB8A17 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 EB8A17 by changing the saturation by 10% instead.



 EB8A17

 EB8A17

FFFFFF

 CC7000

 FFC053

 AD5700

 FFDC6E

 8E3F00

 FFF989

 702800

 FFFFA5

 530F00

 FFFFC1

 380000

 FFFFDE

 1C0001

 FFFFFB

 000000

 EB8A17

 EB8A17

 EB7F00

 EB952F

 EBA046

 EBAA5E

 EBB575

 EBC08D

 EBCBA4

 EBD5BB

 EBE0D3

 EBEBEB

# Harmonies

## Analogous

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



FF6C55



EB8A17



B4A300

# Triad

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



EB8A17



00C0AE



B489FF

# Complementary

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



EB8A17



1778EB

# 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.



00A5FF



EB8A17



00BFF0

# Square

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



EB8A17



00BD68



00B7FF



FD69D9

# Rectangle

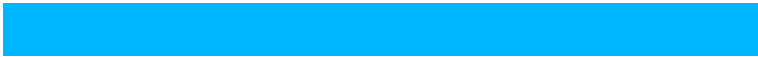
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EB8A17



87AF07



00B7FF



8F93FF



# Sweetspot

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



EB8A17



FFDFBA



EB177A



806D57



000000



808080



# Same Dimension

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



EB8A17



FF8A00



E4EB17



75706A



B56200



361D00



# Inverse Universe

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



1778EB



0075FF



1E17EB



6A6F75



0053B5



001936



# Previews

## White Background



This preview shows how the Hex color EB8A17 looks on a white background.

## Color Contrast Check

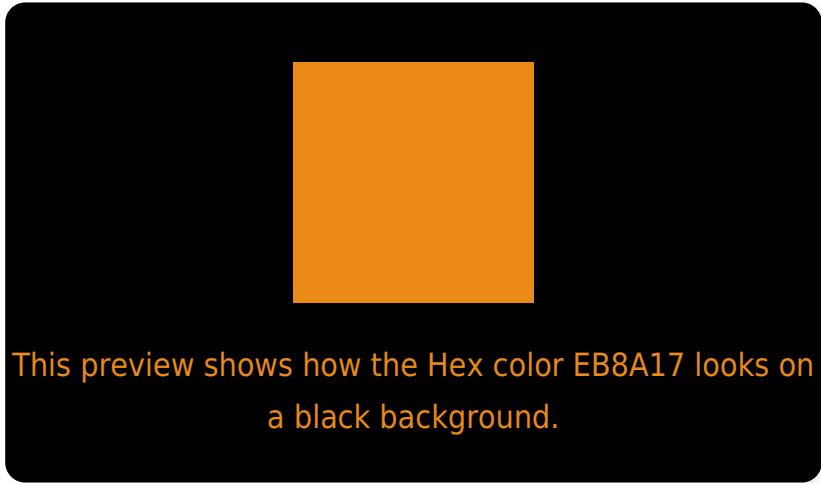
Large Text (above 18pt) WCAG AA × Fail

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 EB8A17 Background



This preview shows how black text looks on a background with the Hex color EB8A17.

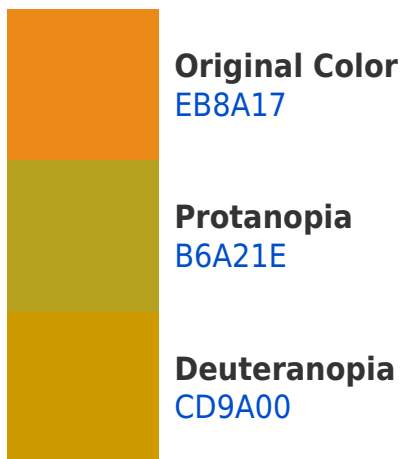


This preview shows how white text looks on a background with the Hex color EB8A17.

# 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](#).

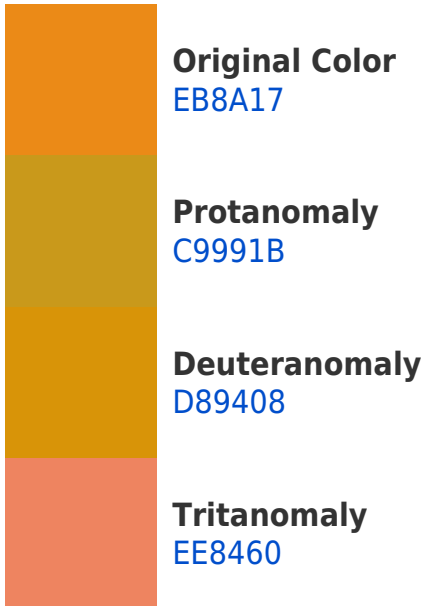
## Dichromacy



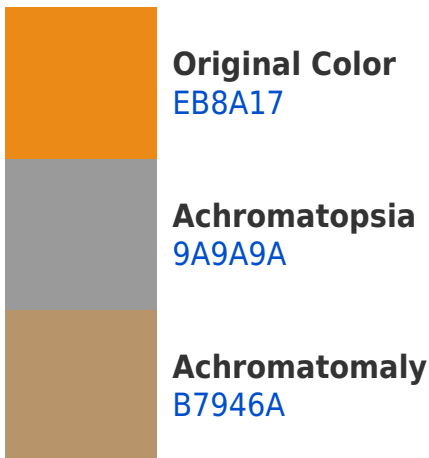


**Tritanopia**  
F0808A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB8A17 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 #EB8A17 looks like.

```
.text, #text, p{  
    color:#EB8A17  
}
```

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 #EB8A17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB8A17
}
```

## Border

The CSS property to change the border of an element to Hex EB8A17 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
#EB8A17 }
```

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

```
.border{ border-color:#EB8A17 }
```

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

Here you see how a box with a 4 pixel #EB8A17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB8A17; -webkit-box-shadow:4px 4px  
4px 4px #EB8A17; box-shadow:4px 4px 4px  
4px #EB8A17 }
```

# Background

The CSS property to change the background color of an element to Hex EB8A17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB8A17 }
```

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

```
.background{ background-color:#EB8A17 }
```

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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