

# Converting Colors

Hex(EB9F4B)

Have a look what the booklet for  
Hex(EB9F4B) contains.

<b>Hex(EB9F4B)</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(EB9F4B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB9F4B
RGB	235, 159, 75
RGB Percent	92%, 62%, 29%
CMY	0.0784, 0.3765, 0.7059
CMYK	0.00, 0.32, 0.68, 0.08
HSL	32°, 80%, 61%
HSV	32°, 68%, 92%
XYZ	47.9291, 42.9664, 12.4238
YIQ	172.1480, 72.2600, -10.0120

# Conversions

## Conversions Part 2

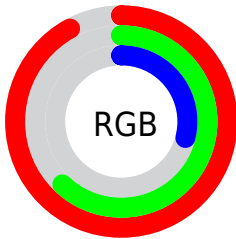
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	220, 235, 75
Decimal	15441739
CIE <sub>Lab</sub>	71.53, 20.68, 53.91
CIE <sub>LCh</sub>	72, 57.743, 69.012
Yxy	42.9664, 0.4639, 0.4159
Android (android.graphics.Color)	4293631819 (0xFFEB9F4B)
YUV	172.1480, -47.8940, 55.1212
Hunter-Lab	65.5488, 15.8083, 34.6466

# Details

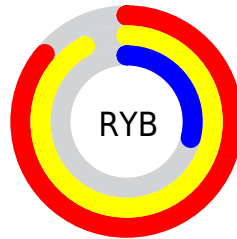
The Hex color **EB9F4B** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **4B97EB**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFD67F**, and **AF6B15** is the 20% darker color. If you saturate the color by 10%, you get **EB9434**, and if you desaturate by 10%, it is **EBAA62**.

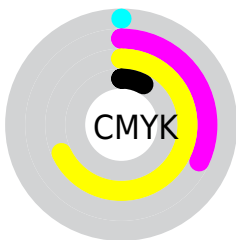
# Distribution



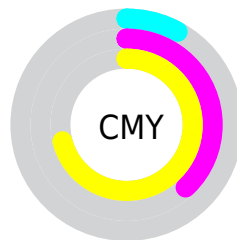
- Red (92%)
- Green (62%)
- Blue (29%)



- Red (86%)
- Yellow (92%)
- Blue (29%)



- Cyan (0%)
- Magenta (32%)
- Yellow (68%)
- Black (8%)



- Cyan (8%)
- Magenta (38%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB9F4B 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 EB9F4B by changing the saturation by 10% instead.



 EB9F4B

 EB9F4B

FFFFFF

 CD8531

 FFD67F

 AF6B15

 FFF29A

 915300

 FFFFB6

 753C00

 FFFFD2

 582500

 FFFFEE

 3D1000

 260000

 000000

 EB9F4B

 EB9F4B

 EB9434

 EBAA62

 EB891C

 EBB57A

 EB7E04

 EBC092

 EB7B00

 EBCCA9

 EBD7C1

 EBE2D8

 EBEDF0

 EBF8FF

 EBFFFF

# Harmonies

## Analogous

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



FF8B70



EB9F4B



BEB241

# Triad

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



EB9F4B



00C9BE



C79BFF

# Complementary

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



EB9F4B



4B97EB

# 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.



6CB0FF



EB9F4B



00C7F0

# Square

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



EB9F4B



2AC788



00BFFF



FC87D6

# Rectangle

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



EB9F4B



9ABB4E



00BFFF



AEA2FF

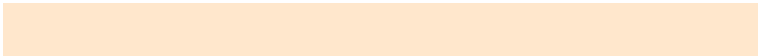


# Sweetspot

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



EB9F4B



FFE7CC



EB4B98



807161



000000



808080



# Same Dimension

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



EB9F4B



FF9C2E



E8EB4B



75706A



B55F00



361C00



# Inverse Universe

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



4B97EB



2E91FF



4E4BEB



6A6F75



0056B5



001936



# Previews

## White Background



This preview shows how the Hex color EB9F4B looks on a white background.

## Color Contrast Check

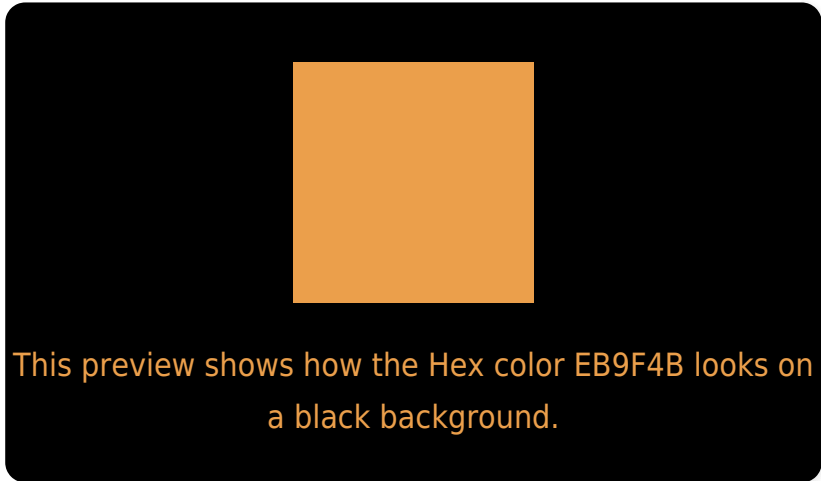
Large Text (above 18pt) WCAG AA × Fail

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

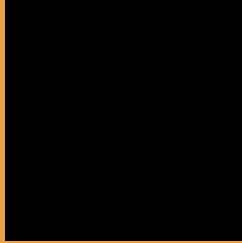
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex EB9F4B Background



This preview shows how black text looks on a background with the Hex color EB9F4B.



This preview shows how white text looks on a background with the Hex color EB9F4B.

# 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**  
EB9F4B

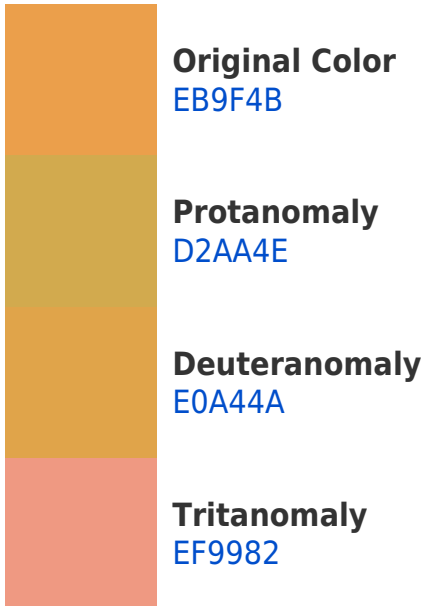
**Protanopia**  
C3B050

**Deuteranopia**  
DAA749

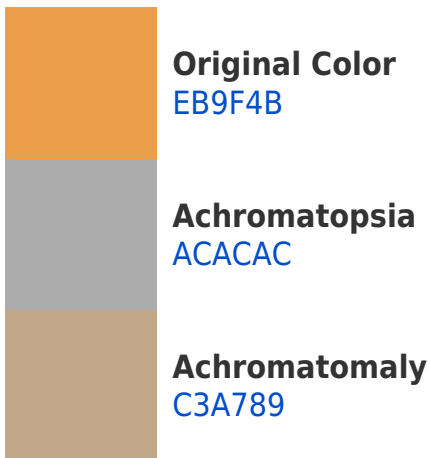


**Tritanopia**  
F196A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB9F4B 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 #EB9F4B looks like.

```
.text, #text, p{  
    color:#EB9F4B  
}
```

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 #EB9F4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB9F4B  
}
```

## Border

The CSS property to change the border of an element to Hex EB9F4B 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  
#EB9F4B }
```

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

```
.border{ border-color:#EB9F4B }
```

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

Here you see how a box with a 4 pixel #EB9F4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB9F4B; -webkit-box-shadow:4px 4px  
4px 4px #EB9F4B; box-shadow:4px 4px 4px  
4px #EB9F4B }
```

# Background

The CSS property to change the background color of an element to Hex EB9F4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB9F4B }
```

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

```
.background{ background-color:#EB9F4B }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor