

# Converting Colors

Hex(EBA45B)

Have a look what the booklet for  
Hex(EBA45B) contains.

<b>Hex(EBA45B)</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(EBA45B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBA45B
RGB	235, 164, 91
RGB Percent	92%, 64%, 36%
CMY	0.0784, 0.3569, 0.6431
CMYK	0.00, 0.30, 0.61, 0.08
HSL	30°, 78%, 64%
HSV	30°, 61%, 92%
XYZ	49.4247, 44.9684, 15.9723
YIQ	176.9070, 65.7490, -7.6510

# Conversions

## Conversions Part 2

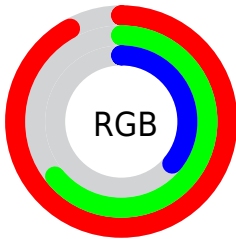
Format	Color
<a href="#">RYB</a>	<a href="#">231, 235, 91</a>
Decimal	<a href="#">15443035</a>
CIELab	<a href="#">72.87, 19.01, 47.75</a>
CIELCh	<a href="#">73, 51.392, 68.292</a>
Yxy	<a href="#">44.9684, 0.4478, 0.4074</a>
Android (android.graphics.Color)	<a href="#">4293633115 (0xFFEBA45B)</a>
YUV	<a href="#">176.9070, -42.3522, 50.9476</a>
Hunter-Lab	<a href="#">67.0585, 14.2091, 32.8190</a>

# Details

The Hex color **EBA45B** 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 **5BA2EB**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFDB8F**, and **AF7029** is the 20% darker color. If you saturate the color by 10%, you get **EB9844**, and if you desaturate by 10%, it is **EBB073**.

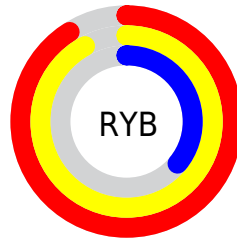
# Distribution



Red (92%)

Green (64%)

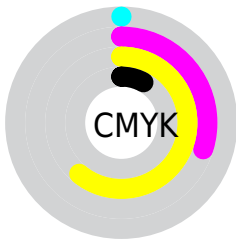
Blue (36%)



Red (91%)

Yellow (92%)

Blue (36%)

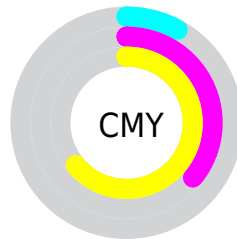


Cyan (0%)

Magenta (30%)

Yellow (61%)

Black (8%)



Cyan (8%)

Magenta (36%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EBA45B 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 EBA45B by changing the saturation by 10% instead.



 EBA45B

 EBA45B

FFFFFF

 CD8A42

 FFDB8F

 AF7029

 FFF8AA

 92580E

 FFFFC6

 764000

 FFFFE2

 5A2A00

 3F1400

 270000

 000000

 EBA45B

 EBA45B

 EB9844

 EBB073

 EB8D2C

 EBBB8A

 EB8115

 EBC7A2

 EB7700

 EBD2B9

 EBDED1

 EBFAE8

 EBF5FF

 EBFFFF

# Harmonies

## Analogous

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



FF947B



EBA45B



C2B452

# Triad

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



EBA45B



00CBBF



C8A1FD

# Complementary

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



EBA45B



5BA2EB

# 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.



7BB3FF



EBA45B



00C9EC

# Square

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



EBA45B



4DC88E



00C1FF



F791D7

# Rectangle

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



EBA45B



A2BD5D



00C1FF



B2A8FF

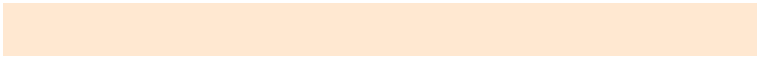


# Sweetspot

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



EBA45B



FFE8D1



EB5BA3



807263



000000



808080



# Same Dimension

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



EBA45B



FFA242



EBEB5B



75706A



B55C00



361B00



# Inverse Universe

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



5BA2EB



429FFF



5B5BEB



6A6F75



0059B5



001A36



# Previews

## White Background



This preview shows how the Hex color EBA45B looks on a white background.

## Color Contrast Check

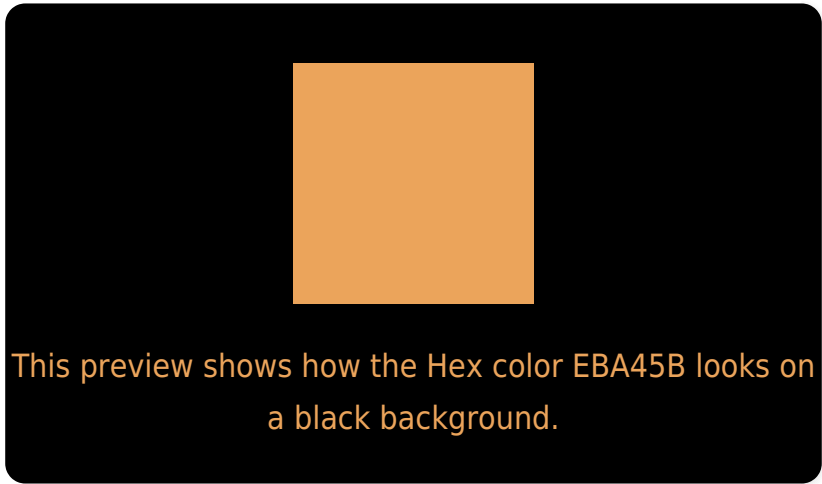
Large Text (above 18pt) WCAG AA × Fail

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

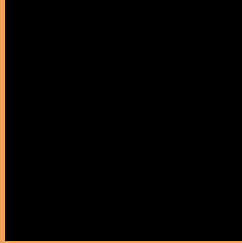
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex EBA45B Background



This preview shows how black text looks on a background with the Hex color EBA45B.

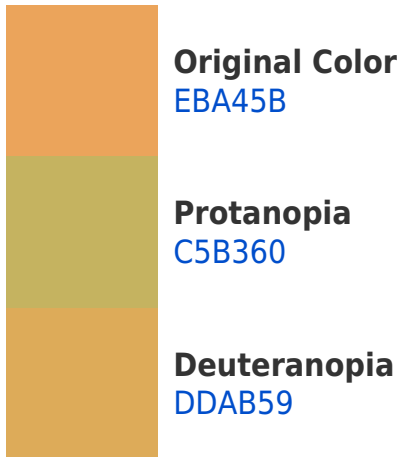


This preview shows how white text looks on a background with the Hex color EBA45B.

# 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](#).

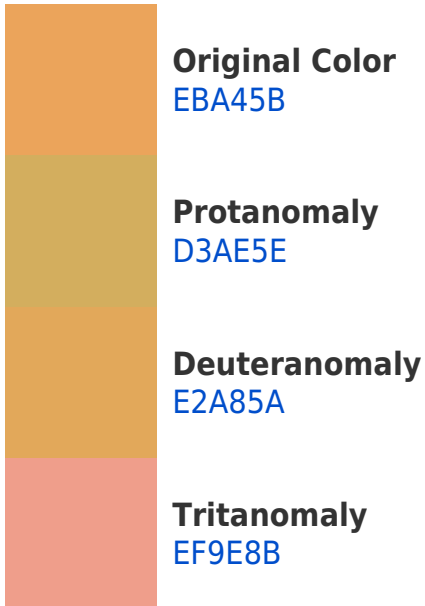
## Dichromacy



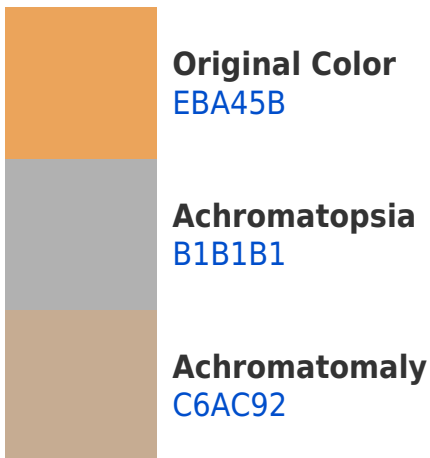


**Tritanopia**  
F19BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EBA45B 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 #EBA45B looks like.

```
.text, #text, p{  
    color:#EBA45B  
}
```

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 #EBA45B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBA45B
}
```

## Border

The CSS property to change the border of an element to Hex EBA45B 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
#EBA45B }
```

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

```
.border{ border-color:#EBA45B }
```

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

Here you see how a box with a 4 pixel #EBA45B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBA45B; -webkit-box-shadow:4px 4px  
4px 4px #EBA45B; box-shadow:4px 4px 4px  
4px #EBA45B }
```

# Background

The CSS property to change the background color of an element to Hex EBA45B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBA45B }
```

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

```
.background{ background-color:#EBA45B }
```

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