

# Converting Colors

Hex(EB845C)

Have a look what the booklet for  
Hex(EB845C) contains.

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**Color**

**Hex(EB845C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB845C
RGB	235, 132, 92
RGB Percent	92%, 52%, 36%
CMY	0.0784, 0.4824, 0.6392
CMYK	0.00, 0.44, 0.61, 0.08
HSL	17°, 78%, 64%
HSV	17°, 61%, 92%
XYZ	44.4440, 34.9374, 14.5264
YIQ	158.2370, 74.2280, 9.3960

# Conversions

## Conversions Part 2

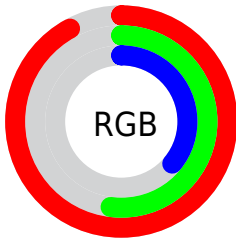
Format	Color
R <sub>Y</sub> B	235, 148, 92
Decimal	15434844
CIE Lab	65.70, 35.93, 38.67
CIE LCh	66, 52.785, 47.100
Yxy	34.9374, 0.4733, 0.3720
Android (android.graphics.Color)	4293624924 (0xFFEB845C)
YUV	158.2370, -32.6548, 67.3212
Hunter-Lab	59.1079, 30.7777, 26.8044

# Details

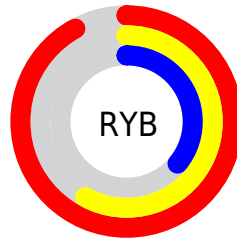
The Hex color **EB845C** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **5CC3EB**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFBA8F**, and **AE512C** is the 20% darker color. If you saturate the color by 10%, you get **EB7345**, and if you desaturate by 10%, it is **EB9573**.

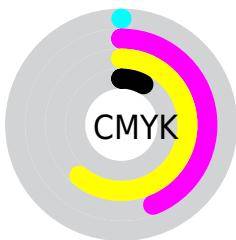
# Distribution



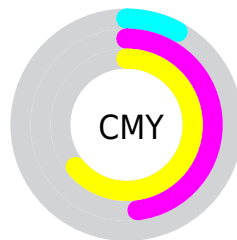
- Red (92%)
- Green (52%)
- Blue (36%)



- Red (92%)
- Yellow (58%)
- Blue (36%)



- Cyan (0%)
- Magenta (44%)
- Yellow (61%)
- Black (8%)



- Cyan (8%)
- Magenta (48%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB845C 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 EB845C by changing the saturation by 10% instead.



 EB845C

 EB845C


FFFFFF

 CC6A44

 FFBA8F

 AE512C

 FFD6AA

 913816

 FFF3C5

 741F00

 FFFFE1

 570100

FFFFFFE

 3B0000

 1F0001

 000000

 EB845C

 EB845C

 EB7345

 EB9573

 EB622D

 EBA68B

 EB5115

 EBB7A3

 EB4200

 EBC8BA

 EBD9D2

 EBFAE9

 EBFAFF

 EBFFFF

# Harmonies

## Analogous

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



F87786



EB845C



CC9640

# Triad

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



EB845C



00B689



7F9BFA

# Complementary

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



EB845C



5CC3EB

# 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.



00ABFB



EB845C



00B7BA

# Square

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



EB845C



6AB05C



00B4E4



C588E0

# Rectangle

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



EB845C



B0A13C



00B4E4



5DA1FD



# Sweetspot

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



EB845C



FFDED1



EB5CC5



806B63



000000



808080



# Same Dimension

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



EB845C



FF7945



EBCA5C



756D6A



B53300



360F00



# Inverse Universe

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



5CC3EB



45CBFF



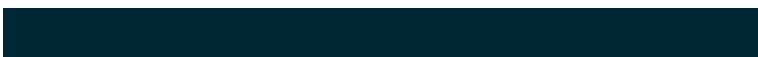
5C7DEB



6A7275



0082B5

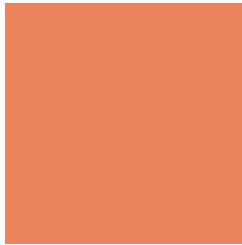


002736



# Previews

## White Background



This preview shows how the Hex color EB845C looks on a white background.

## Color Contrast Check

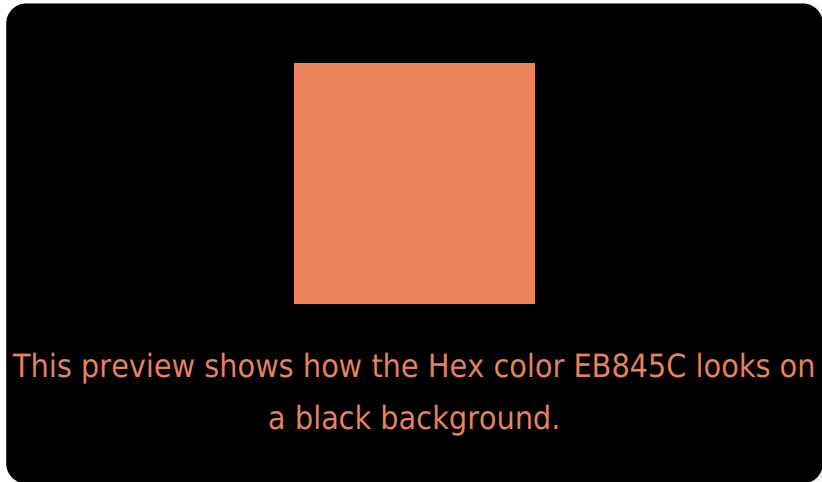
Large Text (above 18pt) WCAG AA × Fail

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 EB845C Background



This preview shows how black text looks on a background with the Hex color EB845C.



This preview shows how white text looks on a background with the Hex color EB845C.

# 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**  
EB845C

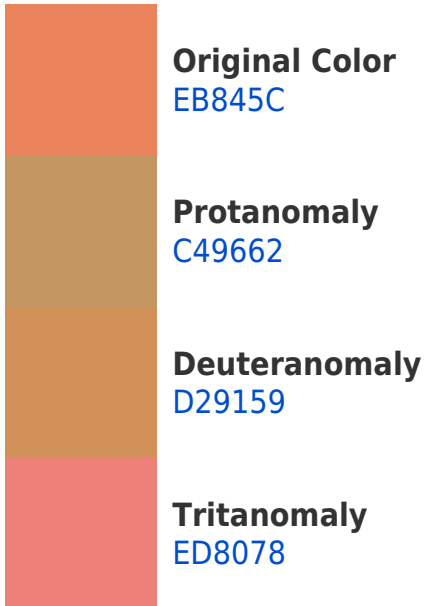
**Protanopia**  
AEA066

**Deuteranopia**  
C49958

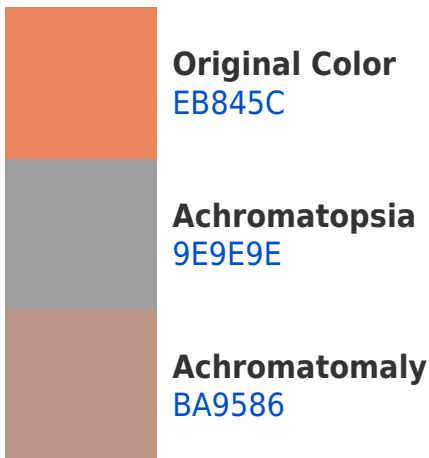


**Tritanopia**  
EE7E88

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB845C 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 #EB845C looks like.

```
.text, #text, p{  
    color:#EB845C  
}
```

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 #EB845C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB845C
}
```

## Border

The CSS property to change the border of an element to Hex EB845C 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
#EB845C }
```

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

```
.border{ border-color:#EB845C }
```

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

Here you see how a box with a 4 pixel #EB845C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB845C; -webkit-box-shadow:4px 4px  
4px 4px #EB845C; box-shadow:4px 4px 4px  
4px #EB845C }
```

# Background

The CSS property to change the background color of an element to Hex EB845C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB845C }
```

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

```
.background{ background-color:#EB845C }
```

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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