

Converting Colors

Hex(EBA33F)

Have a look what the booklet for
Hex(EBA33F) contains.

Hex(EBA33F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(EBA33F)

Conversions

Conversions Part 1

Format	Color
Hex	EBA33F
RGB	235, 163, 63
RGB Percent	92%, 64%, 25%
CMY	0.0784, 0.3608, 0.7529
CMYK	0.00, 0.31, 0.73, 0.08
HSL	35°, 81%, 58%
HSV	35°, 73%, 92%
XYZ	48.2553, 44.2154, 10.6937
YIQ	173.1280, 75.0120, -15.8360

Conversions

Conversions Part 2

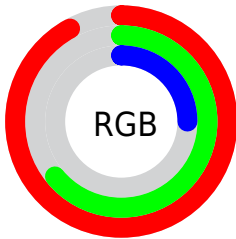
Format	Color
RYB	187, 235, 63
Decimal	15442751
CIELab	72.37, 17.96, 60.09
CIElCh	72, 62.718, 73.358
Yxy	44.2154, 0.4678, 0.4286
Android (android.graphics.Color)	4293632831 (0xFFEBA33F)
YUV	173.1280, -54.2931, 54.2617
Hunter-Lab	66.4947, 13.1722, 37.0112

Details

The Hex color **EBA33F** is a light color, and the websafe version is hex **CC9933**. The color can be described as light washed orange. A complement of this color would be **3F87EB**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFDA74**, and **AE6F00** is the 20% darker color. If you saturate the color by 10%, you get **EB9928**, and if you desaturate by 10%, it is **EBAD57**.

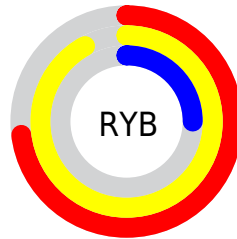
Distribution



Red (92%)

Green (64%)

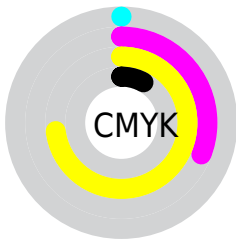
Blue (25%)



Red (73%)

Yellow (92%)

Blue (25%)

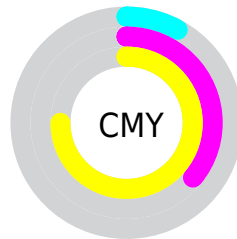


Cyan (0%)

Magenta (31%)

Yellow (73%)

Black (8%)



Cyan (8%)

Magenta (36%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color EBA33F 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 EBA33F by changing the saturation by 10% instead.



EBA33F



EBA33F

FFFFFF



CC8923



FFDA74



AE6F00



FFF68F



915700



FFFFAB



743F00



FFFFC7



572900



FFFFE4



3C1400



250000



000000



EBA33F



EBA33F

 EB9928

 EBAD57

 EB8F10

 EBB76E

 EB8900

 EBC186

 EBCA9D

 EBD4B5

 EBDECC

 EBE8E3

 EBF2FB

 EBFCFF

Harmonies

Analogous

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



FF8D65



EBA33F



B8B739

Triad

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



EBA33F



00CECA



D698FF

Complementary

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



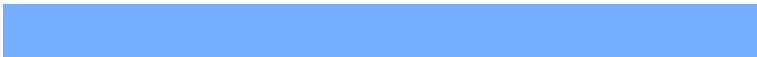
EBA33F



3F87EB

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.



77AFFF



EBA33F



00CAFF

Square

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



EBA33F



00CB8F



00C1FF



FF83D4

Rectangle

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



EBA33F



90C04B



00C1FF



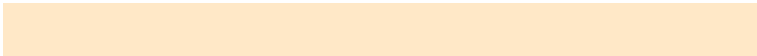
BCA0FF

Sweetspot

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



EBA33F



FFE8C7



EB3F8A



80725E



000000



808080

Same Dimension

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



EBA33F



FFA11F



E0EB3F



75706A



B56900



361F00

Inverse Universe

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



3F87EB



1F7DFF



4A3FEB



6A6E75



004CB5



001636

Previews

White Background



This preview shows how the Hex color EBA33F looks on a white background.

Color Contrast Check

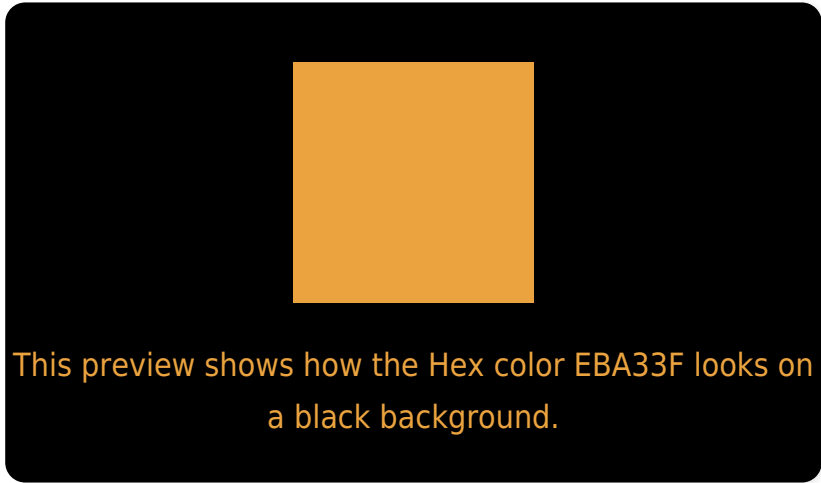
Large Text (above 18pt) WCAG AA × Fail

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 EBA33F Background



This preview shows how black text looks on a background with the Hex color EBA33F.

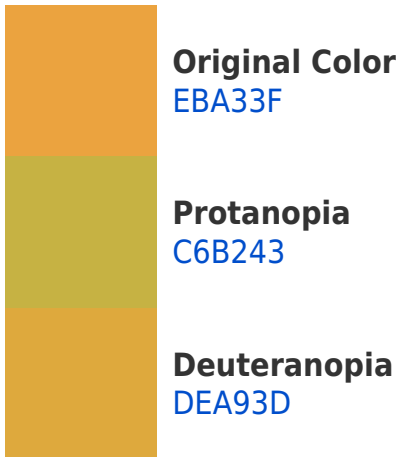


This preview shows how white text looks on a background with the Hex color EBA33F.

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](#).

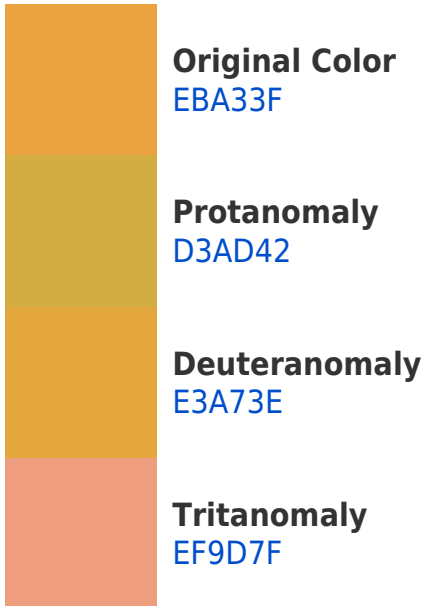
Dichromacy



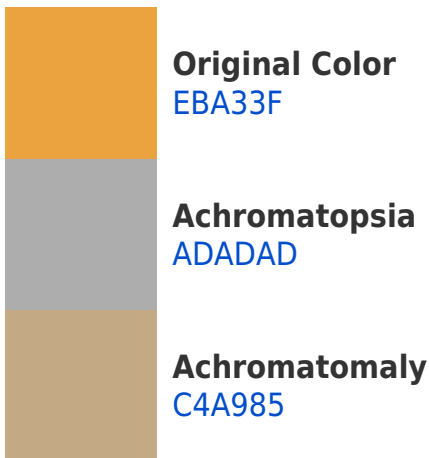


Tritanopia
F199A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EBA33F 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 #EBA33F looks like.

```
.text, #text, p{  
    color:#EBA33F  
}
```

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 #EBA33F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBA33F
}
```

Border

The CSS property to change the border of an element to Hex EBA33F 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
#EBA33F }
```

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

```
.border{ border-color:#EBA33F }
```

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

Here you see how a box with a 4 pixel #EBA33F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBA33F; -webkit-box-shadow:4px 4px  
4px 4px #EBA33F; box-shadow:4px 4px 4px  
4px #EBA33F }
```

Background

The CSS property to change the background color of an element to Hex EBA33F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBA33F }
```

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

```
.background{ background-color:#EBA33F }
```

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