

Converting Colors

Hex(EB8634)

Have a look what the booklet for
Hex(EB8634) contains.

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Color

Hex(EB8634)

Conversions

Conversions Part 1

Format	Color
Hex	EB8634
RGB	235, 134, 52
RGB Percent	92%, 53%, 20%
CMY	0.0784, 0.4745, 0.7961
CMYK	0.00, 0.43, 0.78, 0.08
HSL	27°, 82%, 56%
HSV	27°, 78%, 92%
XYZ	43.4059, 34.9603, 7.7091
YIQ	154.8510, 86.5180, -4.0900

Conversions

Conversions Part 2

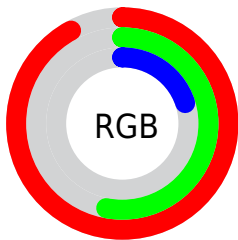
Format	Color
R _Y B	235, 201, 52
Decimal	15435316
CIE Lab	65.72, 32.81, 58.15
CIE LCh	66, 66.770, 60.569
Yxy	34.9603, 0.5043, 0.4062
Android (android.graphics.Color)	4293625396 (0xFFEB8634)
YUV	154.8510, -50.7055, 70.2907
Hunter-Lab	59.1272, 27.5659, 33.6588

Details

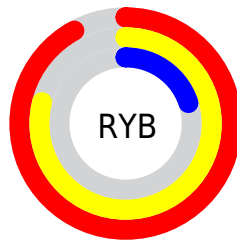
The Hex color **EB8634** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **3499EB**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFBC68**, and **AD5300** is the 20% darker color. If you saturate the color by 10%, you get **EB791D**, and if you desaturate by 10%, it is **EB934C**.

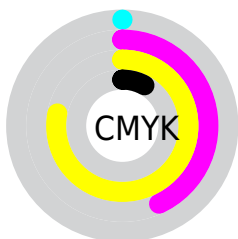
Distribution



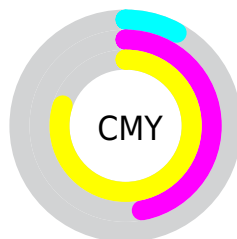
- Red (92%)
- Green (53%)
- Blue (20%)



- Red (92%)
- Yellow (79%)
- Blue (20%)



- Cyan (0%)
- Magenta (43%)
- Yellow (78%)
- Black (8%)



- Cyan (8%)
- Magenta (47%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB8634 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 EB8634 by changing the saturation by 10% instead.

 EB8634

 EB8634

FFFFFF

 CC6C18

 FFBC68

 AD5300

 FFD883

 8F3B00

 FFF59E

 712300

 FFFFB9

 540800

 FFFFD6

 380000

 FFFFF2

 1C0001

 000000

 EB8634

 EB8634

 EB791D

 EB934C

 EB6C05

 EBA063

 EB6900

 EBAD7B

 EBBA92

 EBC7AA

 EBD4C1

 EBE1D9

 EBEEF0

 EBFBFF

Harmonies

Analogous

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



FF6E66



EB8634



BC9D11

Triad

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



EB8634



00BC9F



A08FFF

Complementary

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



EB8634



3499EB

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.



00A6FF



EB8634



00BBDB

Square

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



EB8634



0CB762



00B5FF



E874DB

Rectangle

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



EB8634



96A91E



00B5FF



7B98FF

Sweetspot

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



EB8634



FFDFC4



EB349C



806C5C



000000



808080

Same Dimension

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



EB8634



FF7C12



EBDF34



756F6A



B55100



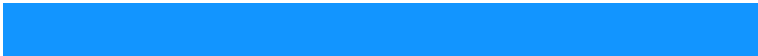
361800

Inverse Universe

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



3499EB



1295FF



3440EB



6A7075



0064B5



001E36

Previews

White Background



This preview shows how the Hex color EB8634 looks on a white background.

Color Contrast Check

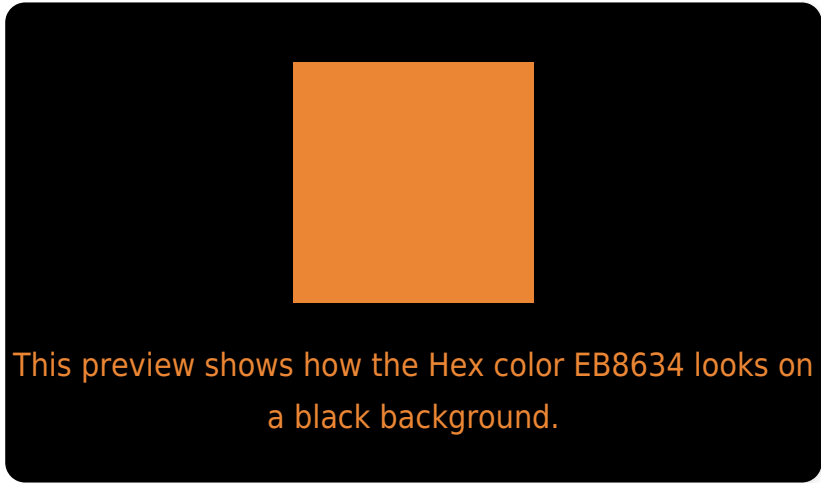
Large Text (above 18pt) WCAG AA × Fail

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 EB8634 Background



This preview shows how black text looks on a background with the Hex color EB8634.



This preview shows how white text looks on a background with the Hex color EB8634.

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
EB8634

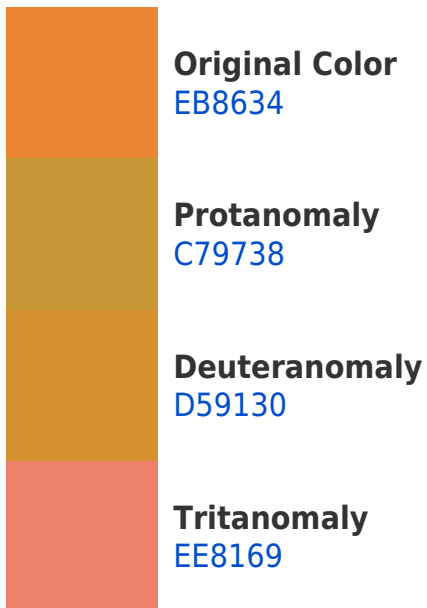
Protanopia
B3A03B

Deuteranopia
C9982E

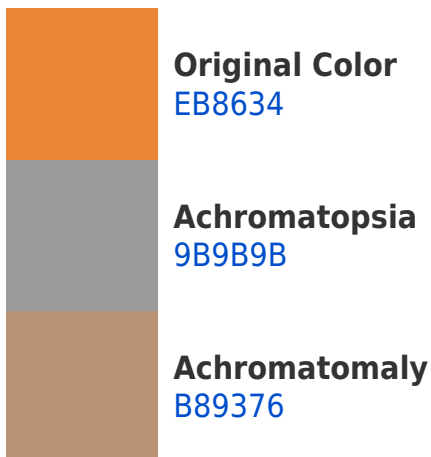


Tritanopia
EF7E87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EB8634 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 #EB8634 looks like.

```
.text, #text, p{  
    color:#EB8634  
}
```

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 #EB8634 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB8634  
}
```

Border

The CSS property to change the border of an element to Hex EB8634 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  
#EB8634 }
```

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

```
.border{ border-color:#EB8634 }
```

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

Here you see how a box with a 4 pixel #EB8634 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB8634; -webkit-box-shadow:4px 4px  
4px 4px #EB8634; box-shadow:4px 4px 4px  
4px #EB8634 }
```

Background

The CSS property to change the background color of an element to Hex EB8634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB8634 }
```

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

```
.background{ background-color:#EB8634 }
```

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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