

# Converting Colors

Hex(EB6834)

Have a look what the booklet for  
Hex(EB6834) contains.

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**Color**

**Hex(EB6834)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EB6834
RGB	235, 104, 52
RGB Percent	92%, 41%, 20%
CMY	0.0784, 0.5922, 0.7961
CMYK	0.00, 0.56, 0.78, 0.08
HSL	17°, 82%, 56%
HSV	17°, 78%, 92%
XYZ	39.8311, 27.8107, 6.5175
YIQ	137.2410, 94.7680, 11.6000

# Conversions

## Conversions Part 2

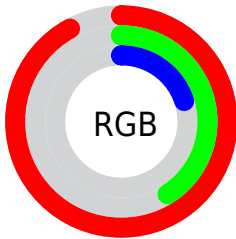
Format	Color
R <sub>Y</sub> B	235, 125, 52
Decimal	15427636
CIE Lab	59.72, 47.80, 52.31
CIE LCh	60, 70.860, 47.581
Yxy	27.8107, 0.5371, 0.3750
Android (android.graphics.Color)	4293617716 (0xFFEB6834)
YUV	137.2410, -42.0238, 85.7346
Hunter-Lab	52.7359, 42.5322, 29.5876

# Details

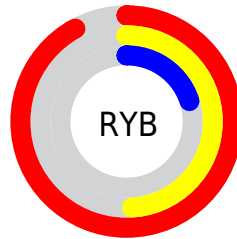
The Hex color **EB6834** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **34B7EB**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FF9E66**, and **AC3200** is the 20% darker color. If you saturate the color by 10%, you get **EB571D**, and if you desaturate by 10%, it is **EB794C**.

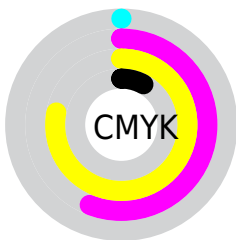
# Distribution



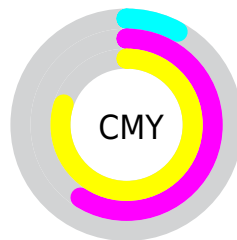
- Red (92%)
- Green (41%)
- Blue (20%)



- Red (92%)
- Yellow (49%)
- Blue (20%)



- Cyan (0%)
- Magenta (56%)
- Yellow (78%)
- Black (8%)



- Cyan (8%)
- Magenta (59%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB6834 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 EB6834 by changing the saturation by 10% instead.



 EB6834

 EB6834

FFFFFF

 CB4D1B

 FF9E66

 AC3200

 FFBA80

 8D1300

 FFD79B

 6F0000

 FFF4B6

 510000

 FFFFD2

 370002

 FFFFEE

 090000

 000000

 EB6834

 EB6834

 EB571D

 EB794C

 EB4605

 EB8A63

 EB4300

 EB9A7B

 EBAB92

 EBBCAA

 EBCDC1

 EBDED9

 EB EFF0

 EBFFFF

# Harmonies

## Analogous

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



FE4F6E



EB6834



C28400

# Triad

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



EB6834



00AB73



518AFF

# Complementary

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



EB6834



34B7EB

# 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.



009FFF



EB6834



00ACB4

# Square

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



EB6834



39A433



00A9EB



C06DE5

# Rectangle

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



EB6834



9E9200



00A9EB



0092FF



# Sweetspot

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



EB6834



FFD5C4



EB34B7



80665C



000000



808080



# Same Dimension

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



EB6834



FF5512



EBC334



756D6A



B53300



360F00



# Inverse Universe

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



34B7EB



12BCFF



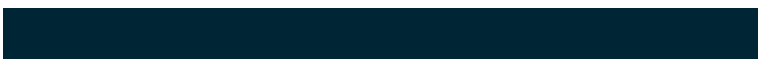
345CEB



6A7275



0082B5



002636



# Previews

## White Background



This preview shows how the Hex color EB6834 looks on a white background.

## Color Contrast Check

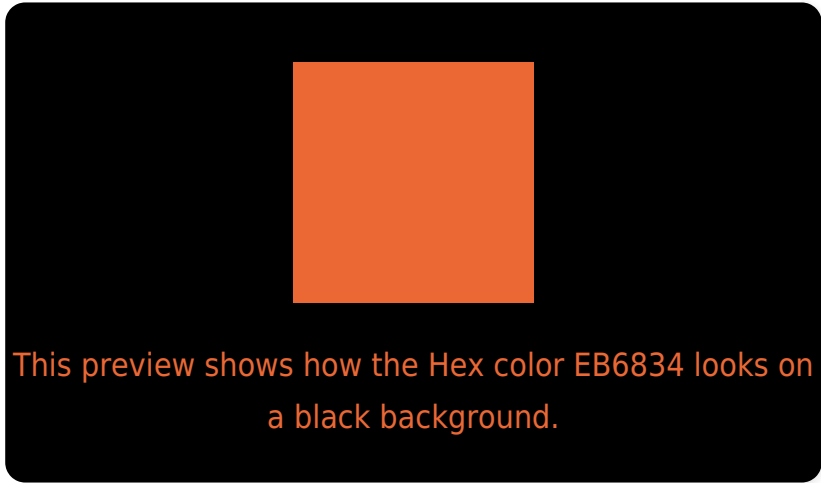
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex EB6834 Background



This preview shows how black text looks on a background with the Hex color EB6834.



This preview shows how white text looks on a background with the Hex color EB6834.

# 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**  
EB6834

**Protanopia**  
A0913F

**Deuteranopia**  
B5892A



# Trichromacy



**Original Color**  
EB6834

**Protanomaly**  
BB823B

**Deuteranomaly**  
C97D2E

**Tritanomaly**  
EC6456

# Monochromacy



**Original Color**  
EB6834

**Achromatopsia**  
898989

**Achromatomaly**  
AD7D6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB6834 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 #EB6834 looks like.

```
.text, #text, p{  
    color:#EB6834  
}
```

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 #EB6834 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB6834
}
```

## Border

The CSS property to change the border of an element to Hex EB6834 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
#EB6834 }
```

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

```
.border{ border-color:#EB6834 }
```

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

Here you see how a box with a 4 pixel #EB6834 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB6834; -webkit-box-shadow:4px 4px  
4px 4px #EB6834; box-shadow:4px 4px 4px  
4px #EB6834 }
```

# Background

The CSS property to change the background color of an element to Hex EB6834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB6834 }
```

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

```
.background{ background-color:#EB6834 }
```

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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