

# Converting Colors

Hex(EB8336)

Have a look what the booklet for  
Hex(EB8336) contains.

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# **Color**

**Hex(EB8336)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB8336
RGB	235, 131, 54
RGB Percent	92%, 51%, 21%
CMY	0.0784, 0.4863, 0.7882
CMYK	0.00, 0.44, 0.77, 0.08
HSL	26°, 82%, 57%
HSV	26°, 77%, 92%
XYZ	43.0431, 34.1611, 7.8152
YIQ	153.3180, 86.7010, -1.8990

# Conversions

## Conversions Part 2

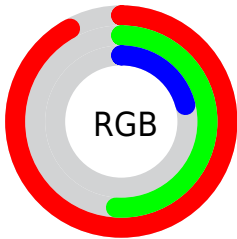
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	235, 188, 54
Decimal	15434550
CIE Lab	65.09, 34.44, 56.69
CIE LCh	65, 66.334, 58.724
Yxy	34.1611, 0.5063, 0.4018
Android (android.graphics.Color)	4293624630 (0xFFEB8336)
YUV	153.3180, -48.9638, 71.6351
Hunter-Lab	58.4475, 29.1715, 32.9854

# Details

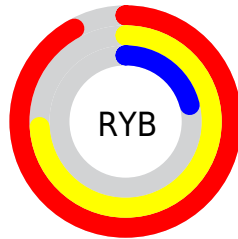
The Hex color **EB8336** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **369EEB**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFB96A**, and **AD5000** is the 20% darker color. If you saturate the color by 10%, you get **EB751F**, and if you desaturate by 10%, it is **EB914E**.

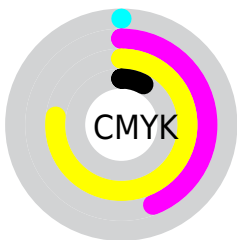
# Distribution



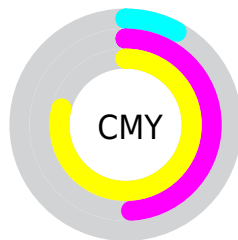
- Red (92%)
- Green (51%)
- Blue (21%)



- Red (92%)
- Yellow (74%)
- Blue (21%)



- Cyan (0%)
- Magenta (44%)
- Yellow (77%)
- Black (8%)



- Cyan (8%)
- Magenta (49%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB8336 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 EB8336 by changing the saturation by 10% instead.



 EB8336

 EB8336

FFFFFF

 CC691B

 FFB96A

 AD5000

 FFD584

 8F3700

 FFF29F

 711F00

 FFFFBB

 540300

 FFFFD7

 380000

 FFFFF4

 1A0001

 000000

 EB8336

 EB8336

 EB751F

 EB914E

 EB6807

 EB9E65

 EB6400

 EBAC7C

 EBB994

 EBC7AB

 EBD4C3

 EBE2DB

 EBEFF2

 EBFDFD

# Harmonies

## Analogous

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



FF6C69



EB8336



BE9A11

# Triad

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



EB8336



00BA99



988FFF

# Complementary

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



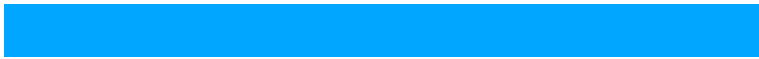
EB8336



369EEB

# 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



EB8336



00B9D5

# Square

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



EB8336



20B55D



00B3FF



E375DD

# Rectangle

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



EB8336



98A61B



00B3FF



7298FF



# Sweetspot

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



EB8336



FFDDC4



EB36A0



806B5C



000000



808080



# Same Dimension

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



EB8336



FF7814



EBDC36



756F6A



B54D00



361700



# Inverse Universe

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



369EEB



149BFF



3645EB



6A7075



0068B5



001F36



# Previews

## White Background



This preview shows how the Hex color EB8336 looks on a white background.

## Color Contrast Check

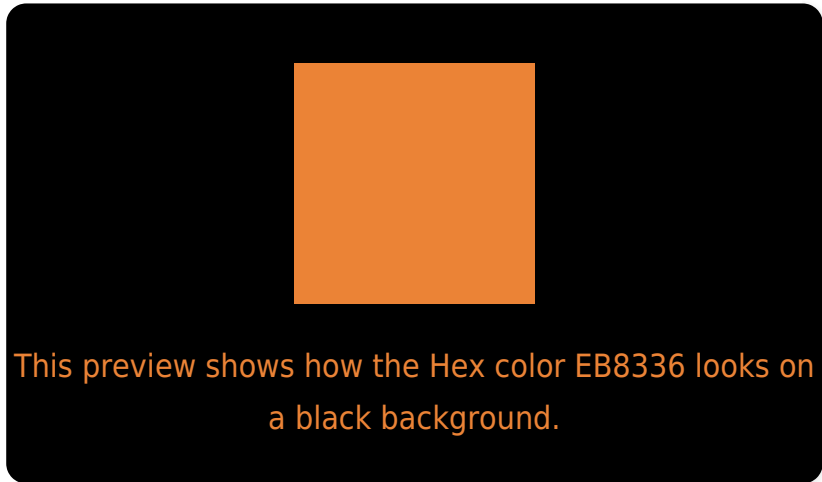
Large Text (above 18pt) WCAG AA × Fail

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

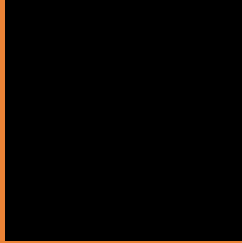
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex EB8336 Background



This preview shows how black text looks on a background with the Hex color EB8336.



This preview shows how white text looks on a background with the Hex color EB8336.

# 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**  
EB8336

**Protanopia**  
B19F3E

**Deuteranopia**  
C79630



**Tritanopia**  
EF7B84

# Trichromacy



**Original Color**  
EB8336

**Protanomaly**  
C6953B

**Deuteranomaly**  
D48F32

**Tritanomaly**  
EE7E68

# Monochromacy



**Original Color**  
EB8336

**Achromatopsia**  
999999

**Achromatomaly**  
B79175

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB8336 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 #EB8336 looks like.

```
.text, #text, p{  
    color:#EB8336  
}
```

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 #EB8336 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB8336
}
```

## Border

The CSS property to change the border of an element to Hex EB8336 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
#EB8336 }
```

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

```
.border{ border-color:#EB8336 }
```

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

Here you see how a box with a 4 pixel #EB8336 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB8336; -webkit-box-shadow:4px 4px  
4px 4px #EB8336; box-shadow:4px 4px 4px  
4px #EB8336 }
```

# Background

The CSS property to change the background color of an element to Hex EB8336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB8336 }
```

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

```
.background{ background-color:#EB8336 }
```

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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