

# Converting Colors

Hex(EB6C51)

Have a look what the booklet for  
Hex(EB6C51) contains.

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# Color

**Hex(EB6C51)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EB6C51
RGB	235, 108, 81
RGB Percent	92%, 42%, 32%
CMY	0.0784, 0.5765, 0.6824
CMYK	0.00, 0.54, 0.66, 0.08
HSL	11°, 79%, 62%
HSV	11°, 66%, 92%
XYZ	41.1087, 28.9814, 11.2119
YIQ	142.8950, 84.3590, 18.5270

# Conversions

## Conversions Part 2

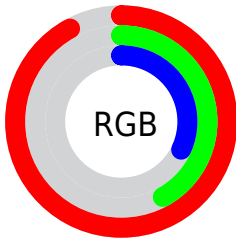
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	235, 114, 81
Decimal	15428689
CIE <sub>Lab</sub>	60.77, 47.24, 38.61
CIE <sub>LCh</sub>	61, 61.012, 39.260
Yxy	28.9814, 0.5056, 0.3565
Android (android.graphics.Color)	4293618769 (0xFFEB6C51)
YUV	142.8950, -30.5142, 80.7761
Hunter-Lab	53.8344, 42.0952, 25.3359

# Details

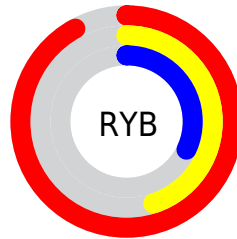
The Hex color **EB6C51** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **51D0EB**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FFA283**, and **AD3723** is the 20% darker color. If you saturate the color by 10%, you get **EB593A**, and if you desaturate by 10%, it is **EB7F69**.

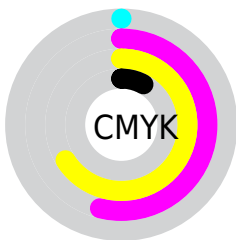
# Distribution



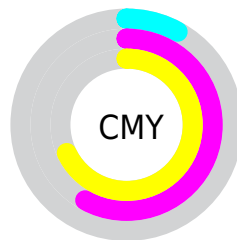
- Red (92%)
- Green (42%)
- Blue (32%)



- Red (92%)
- Yellow (45%)
- Blue (32%)



- Cyan (0%)
- Magenta (54%)
- Yellow (66%)
- Black (8%)



- Cyan (8%)
- Magenta (58%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB6C51 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 EB6C51 by changing the saturation by 10% instead.



 EB6C51

 EB6C51

FFFFFF

 CC5139

 FFA283

 AD3723

 FFBE9D

 8F190C

 FFDBB9

 710000

 FFF8D4

 530000

 FFFFF1

 390002

 120000

 000000

 EB6C51

 EB6C51

 EB593A

 EB7F69

 EB4522

 EB9380

 EB320B

 EBA698

 EB2900

 EBBAAF

 EBCDC7

 EBE0DE

 EBF4F6

 EBFFFF

# Harmonies

## Analogous

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



F45F84



EB6C51



CC8228

# Triad

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



EB6C51



00AA6A



3B93FD

# Complementary

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



EB6C51



51D0EB

# 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.



00A3F7



EB6C51



00ACA2

# Square

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



EB6C51



64A238



00AAD6



AA7DE7

# Rectangle

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



EB6C51



AF9017



00AAD6



0099FF



# Sweetspot

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



EB6C51



FFD5CC



EB51D1



806661



000000



808080



# Same Dimension

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



EB6C51



FF5936



EBB851



756C6A



B52000



360900



# Inverse Universe

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



51D0EB



36DCFF



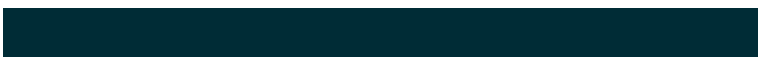
5184EB



6A7375



0095B5

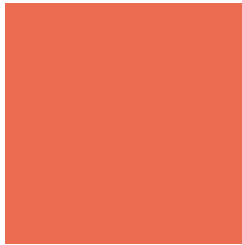


002C36



# Previews

## White Background



This preview shows how the Hex color EB6C51 looks on a white background.

## Color Contrast Check

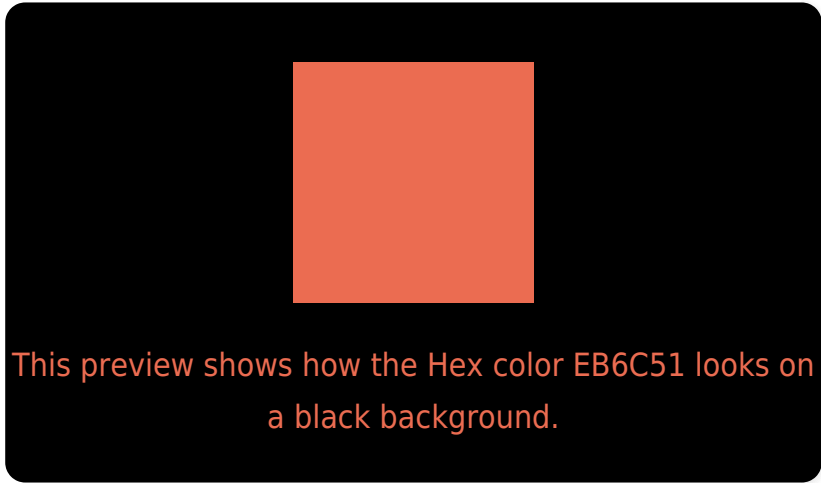
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB6C51 Background



This preview shows how black text looks on a background with the Hex color EB6C51.

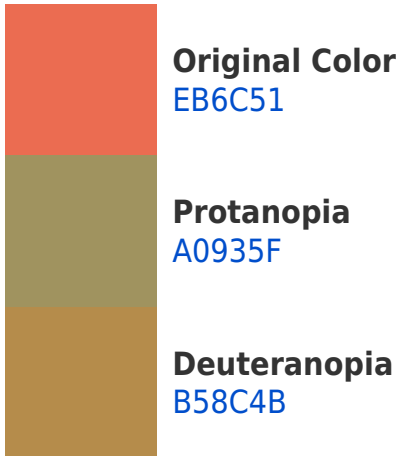


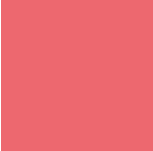
This preview shows how white text looks on a background with the Hex color EB6C51.

# 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**  
ED686F

# Trichromacy



**Original Color**  
EB6C51

**Protanomaly**  
BB855A

**Deuteranomaly**  
C9804D

**Tritanomaly**  
EC6964

# Monochromacy



**Original Color**  
EB6C51

**Achromatopsia**  
8F8F8F

**Achromatomaly**  
B08278

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB6C51 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 #EB6C51 looks like.

```
.text, #text, p{  
    color:#EB6C51  
}
```

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 #EB6C51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB6C51
}
```

## Border

The CSS property to change the border of an element to Hex EB6C51 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
#EB6C51 }
```

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

```
.border{ border-color:#EB6C51 }
```

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

Here you see how a box with a 4 pixel #EB6C51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB6C51; -webkit-box-shadow:4px 4px  
4px 4px #EB6C51; box-shadow:4px 4px 4px  
4px #EB6C51 }
```

# Background

The CSS property to change the background color of an element to Hex EB6C51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB6C51 }
```

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

```
.background{ background-color:#EB6C51 }
```

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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