

Converting Colors

Hex(EB6F36)

Have a look what the booklet for
Hex(EB6F36) contains.

Hex(EB6F36)	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(EB6F36)

Conversions

Conversions Part 1

Format	Color
Hex	EB6F36
RGB	235, 111, 54
RGB Percent	92%, 44%, 21%
CMY	0.0784, 0.5647, 0.7882
CMYK	0.00, 0.53, 0.77, 0.08
HSL	19°, 82%, 57%
HSV	19°, 77%, 92%
XYZ	40.6112, 29.2974, 7.0045
YIQ	141.5780, 92.2010, 8.5610

Conversions

Conversions Part 2

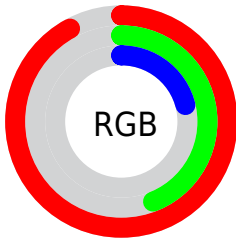
Format	Color
R _Y B	235, 137, 54
Decimal	15429430
CIE _{Lab}	61.04, 44.51, 52.70
CIE _{LCh}	61, 68.978, 49.813
Y _{xy}	29.2974, 0.5280, 0.3809
Android (android.graphics.Color)	4293619510 (0xFFEB6F36)
Y _{UV}	141.5780, -43.1760, 81.9311
Hunter-Lab	54.1271, 39.2052, 30.2163

Details

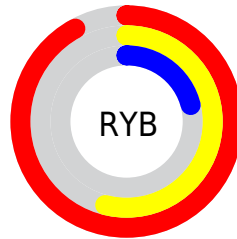
The Hex color **EB6F36** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **36B2EB**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FFA568**, and **AC3B00** is the 20% darker color. If you saturate the color by 10%, you get **EB5F1F**, and if you desaturate by 10%, it is **EB7F4E**.

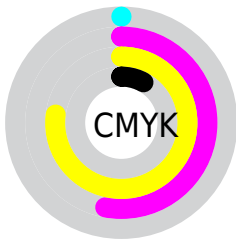
Distribution



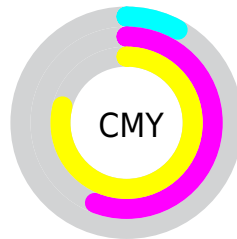
- Red (92%)
- Green (44%)
- Blue (21%)



- Red (92%)
- Yellow (54%)
- Blue (21%)



- Cyan (0%)
- Magenta (53%)
- Yellow (77%)
- Black (8%)



- Cyan (8%)
- Magenta (56%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB6F36 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 EB6F36 by changing the saturation by 10% instead.

 EB6F36

 EB6F36

FFFFFF

 CB551D

 FFA568

 AC3B00

 FFC182

 8E1F00

 FFDD9D

 6F0000

 FFFBB8

 520000

 FFFFDD5

 370002

 FFFFFF1

 0F0000

 000000

 EB6F36

 EB6F36

 EB5F1F

 EB7F4E

 EB4F07

 EB8F65

 EB4A00

 EB9F7C

 EBAF94

 EBBFAB

 EBD0C3

 EBE0DB

 EBF0F2

 EBFFFF

Harmonies

Analogous

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



FF576E



EB6F36



C28900

Triad

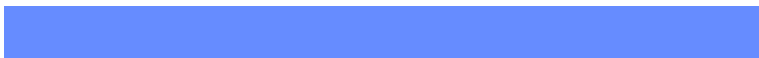
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



EB6F36



00AE7C



668CFF

Complementary

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



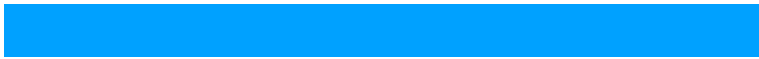
EB6F36



36B2EB

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.



00A1FF



EB6F36



00AFBB

Square

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



EB6F36



39A83E



00ACF0



C870E3

Rectangle

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



EB6F36



9E9700



00ACF0



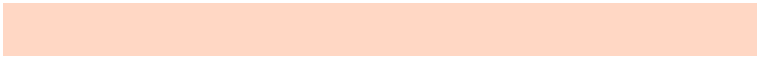
0694FF

Sweetspot

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



EB6F36



FFD7C4



EB36B5



80675C



000000



808080

Same Dimension

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



EB6F36



FF5E14



EBC736



756D6A



B53900



361100

Inverse Universe

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



36B2EB



14B5FF



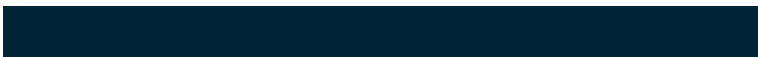
365AEB



6A7275



007CB5



002536

Previews

White Background



This preview shows how the Hex color EB6F36 looks on a white background.

Color Contrast Check

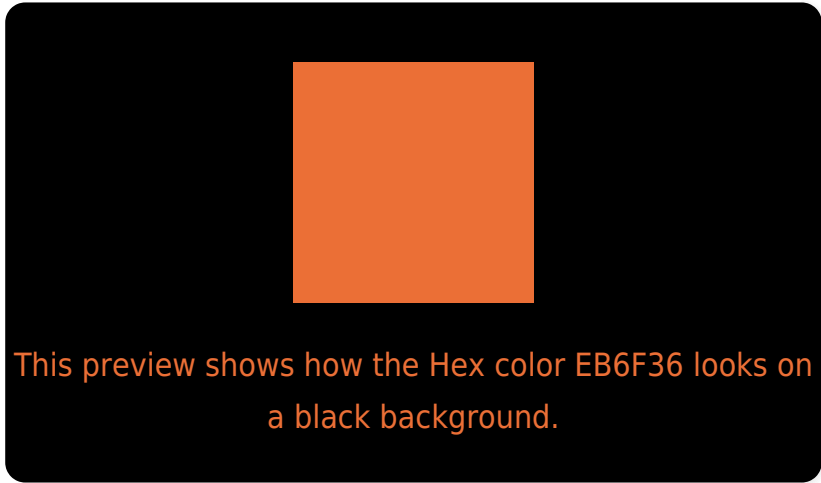
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB6F36 Background



This preview shows how black text looks on a background with the Hex color EB6F36.



This preview shows how white text looks on a background with the Hex color EB6F36.

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

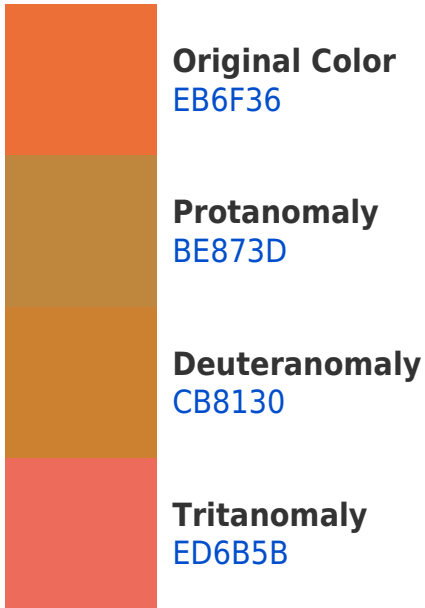


Original Color
EB6F36

Protanopia
A49441

Deuteranopia
B98C2D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EB6F36 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 #EB6F36 looks like.

```
.text, #text, p{  
    color:#EB6F36  
}
```

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 #EB6F36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB6F36  
}
```

Border

The CSS property to change the border of an element to Hex EB6F36 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  
#EB6F36 }
```

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

```
.border{ border-color:#EB6F36 }
```

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

Here you see how a box with a 4 pixel #EB6F36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB6F36; -webkit-box-shadow:4px 4px  
4px 4px #EB6F36; box-shadow:4px 4px 4px  
4px #EB6F36 }
```

Background

The CSS property to change the background color of an element to Hex EB6F36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB6F36 }
```

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

```
.background{ background-color:#EB6F36 }
```

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