

Converting Colors

Hex(EB813C)

Have a look what the booklet for
Hex(EB813C) contains.

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Color

Hex(EB813C)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | EB813C |
| RGB | 235, 129, 60 |
| RGB Percent | 92%, 51%, 24% |
| CMY | 0.0784, 0.4941, 0.7647 |
| CMYK | 0.00, 0.45, 0.74, 0.08 |
| HSL | 24°, 81%, 58% |
| HSV | 24°, 74%, 92% |
| XYZ | 42.9268, 33.6889, 8.5151 |
| YIQ | 152.8280, 85.3250, 1.0130 |

Conversions

Conversions Part 2

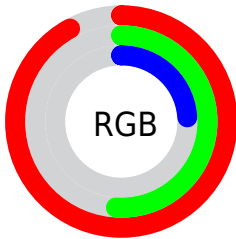
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 235, 174, 60 |
| Decimal | 15434044 |
| CIE Lab | 64.71, 35.71, 53.64 |
| CIE LCh | 65, 64.436, 56.345 |
| Yxy | 33.6889, 0.5042, 0.3957 |
| Android (android.graphics.Color) | 4293624124 (0xFFEB813C) |
| YUV | 152.8280, -45.7642, 72.0648 |
| Hunter-Lab | 58.0422, 30.4412, 31.9314 |

Details

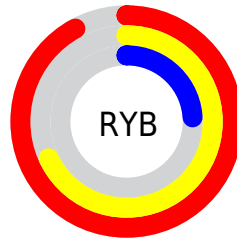
The Hex color **EB813C** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **3CA6EB**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFB76F**, and **AD4E03** is the 20% darker color. If you saturate the color by 10%, you get **EB7324**, and if you desaturate by 10%, it is **EB8F53**.

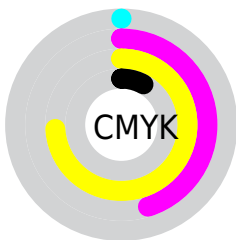
Distribution



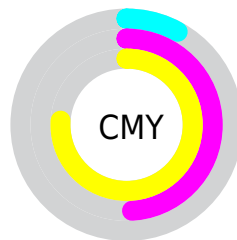
- Red (92%)
- Green (51%)
- Blue (24%)



- Red (92%)
- Yellow (68%)
- Blue (24%)



- Cyan (0%)
- Magenta (45%)
- Yellow (74%)
- Black (8%)



- Cyan (8%)
- Magenta (49%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB813C 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 EB813C by changing the saturation by 10% instead.

 EB813C

 EB813C

FFFFFF

 CC6722


 FFB76F

 AD4E03

 FFD389

 8F3500

 FFF0A4

 711C00

 FFFFC0

 540000

 FFFFDC

 380000

 FFFFF9

 1A0001

 000000

 EB813C

 EB813C

 EB7324

 EB8F53

 EB650D

 EB9D6B

 EB5D00

 EBAC83

 EBBA9A

 EBC8B1

 EBD6C9

 EBE5E0

 EBF3F8

 EBFFFF

Harmonies

Analogous

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



FF6B6D



EB813C



C0981A

Triad

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



EB813C



00B894



9091FF

Complementary

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



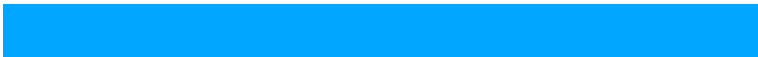
EB813C



3CA6EB

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



EB813C



00B8CF

Square

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



EB813C



34B35A



00B3FC



DC77DE

Rectangle

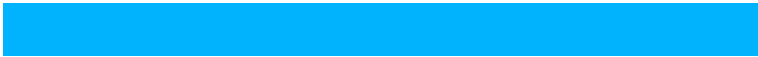
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EB813C



9CA41E



00B3FC



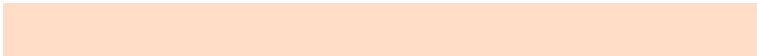
6899FF

Sweetspot

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



EB813C



FFDDC7



EB3CA8



806B5E



000000



808080

Same Dimension

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



EB813C



FF761C



EBD73C



756E6A



B54700



361500

Inverse Universe

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



3CA6EB



1CA6FF



3C50EB



6A7175



006EB5



002036

Previews

White Background



This preview shows how the Hex color EB813C looks on a white background.

Color Contrast Check

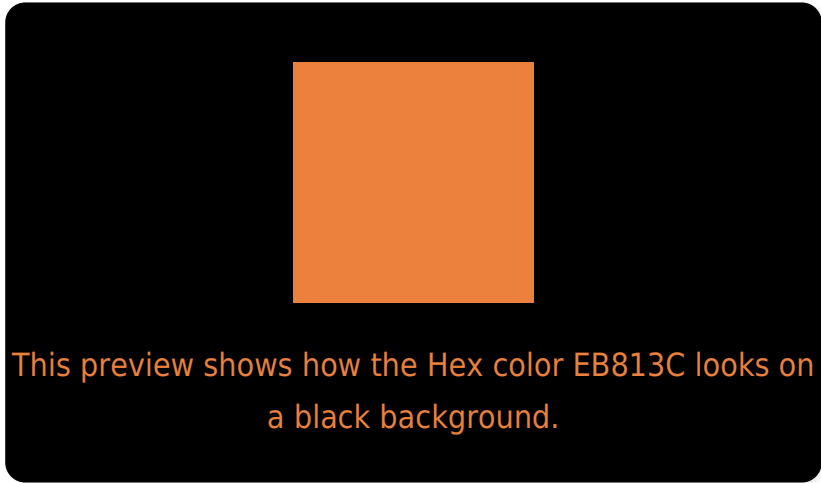
Large Text (above 18pt) WCAG AA × Fail

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 EB813C Background



This preview shows how black text looks on a background with the Hex color EB813C.



This preview shows how white text looks on a background with the Hex color EB813C.

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
EB813C

Protanopia
AF9E44

Deuteranopia
C59636



Tritanopia
EF7982

Trichromacy



Original Color
EB813C

Protanomaly
C59341

Deuteranomaly
D38E38

Tritanomaly
EE7C69

Monochromacy



Original Color
EB813C

Achromatopsia
999999

Achromatomaly
B79077

CSS Examples

Text

The CSS property to change the color of the text to Hex EB813C 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 #EB813C looks like.

```
.text, #text, p{  
    color:#EB813C  
}
```

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 #EB813C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB813C
}
```

Border

The CSS property to change the border of an element to Hex EB813C 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
#EB813C }
```

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

```
.border{ border-color:#EB813C }
```

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

Here you see how a box with a 4 pixel #EB813C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB813C; -webkit-box-shadow:4px 4px  
4px 4px #EB813C; box-shadow:4px 4px 4px  
4px #EB813C }
```

Background

The CSS property to change the background color of an element to Hex EB813C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB813C }
```

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

```
.background{ background-color:#EB813C }
```

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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