

Converting Colors

Hex(EC813B)

Have a look what the booklet for
Hex(EC813B) contains.

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Color

Hex(EC813B)

Conversions

Conversions Part 1

Format	Color
Hex	EC813B
RGB	236, 129, 59
RGB Percent	93%, 51%, 23%
CMY	0.0745, 0.4941, 0.7686
CMYK	0.00, 0.45, 0.75, 0.07
HSL	24°, 82%, 58%
HSV	24°, 75%, 93%
XYZ	43.2317, 33.8491, 8.3926
YIQ	153.0130, 86.2420, 0.9140

Conversions

Conversions Part 2

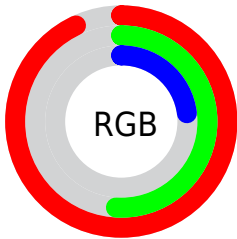
Format	Color
R _Y B	236, 175, 59
Decimal	15499579
CIE Lab	64.84, 36.07, 54.27
CIE LCh	65, 65.159, 56.393
Yxy	33.8491, 0.5058, 0.3960
Android (android.graphics.Color)	4293689659 (0xFFEC813B)
YUV	153.0130, -46.3484, 72.7796
Hunter-Lab	58.1800, 30.8227, 32.1732

Details

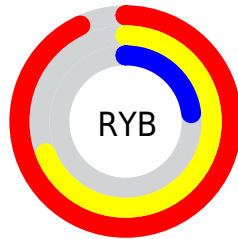
The Hex color **EC813B** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **3BA6EC**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFB76E**, and **AE4E02** is the 20% darker color. If you saturate the color by 10%, you get **EC7323**, and if you desaturate by 10%, it is **EC8F53**.

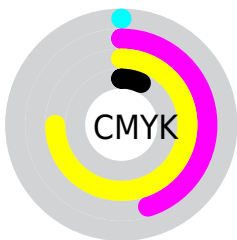
Distribution



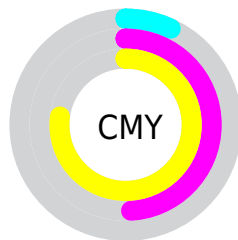
- Red (93%)
- Green (51%)
- Blue (23%)



- Red (93%)
- Yellow (69%)
- Blue (23%)



- Cyan (0%)
- Magenta (45%)
- Yellow (75%)
- Black (7%)



- Cyan (7%)
- Magenta (49%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC813B 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 EC813B by changing the saturation by 10% instead.

 EC813B

 EC813B

FFFFFF

 CD6721

 FFB76E

 AE4E02

 FFD388

 903500

 FFF0A4

 721C00

 FFFFBF

 550000

 FFFFDC

 390000

 FFFFF8

 1B0001

 000000

 EC813B

 EC813B

 EC7323

 EC8F53

 EC640C

 EC9E6A

 EC5D00

 ECAC82

 ECBA99

 ECC8B1

 ECD7C9

 ECE5E0

 ECF3F8

 ECFFFF

Harmonies

Analogous

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



FF6B6D



EC813B



C19817

Triad

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



EC813B



00B894



9091FF

Complementary

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



EC813B



3BA6EC

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



EC813B



00B8D0

Square

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



EC813B



32B359



00B3FE



DD77DF

Rectangle

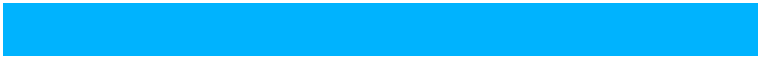
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EC813B



9DA41C



00B3FE



6899FF

Sweetspot

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



EC813B



FFDCC4



EC3BA8



806A5C



000000



808080

Same Dimension

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



EC813B



FF7419



ECD73B



756E6A



B54800



361500

Inverse Universe

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



3BA6EC



19A4FF



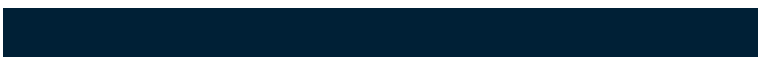
3B50EC



6A7175



006DB5



002036

Previews

White Background



This preview shows how the Hex color EC813B looks on a white background.

Color Contrast Check

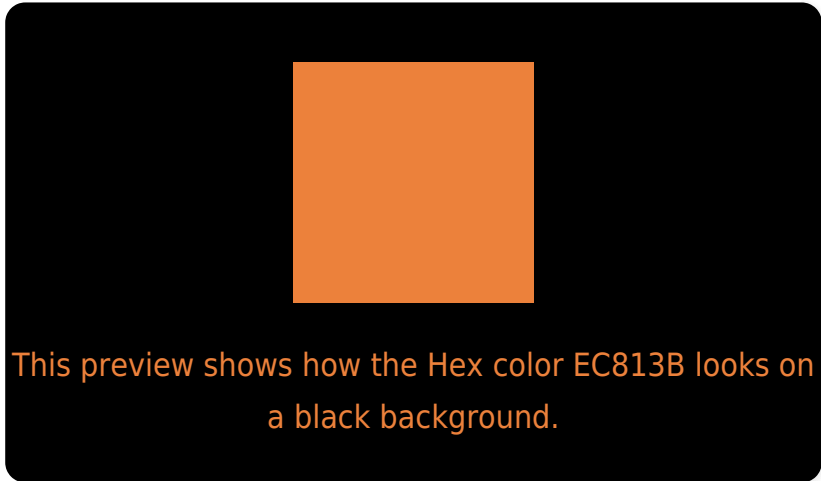
Large Text (above 18pt) WCAG AA × Fail

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 EC813B Background



This preview shows how black text looks on a background with the Hex color EC813B.



This preview shows how white text looks on a background with the Hex color EC813B.

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
EC813B

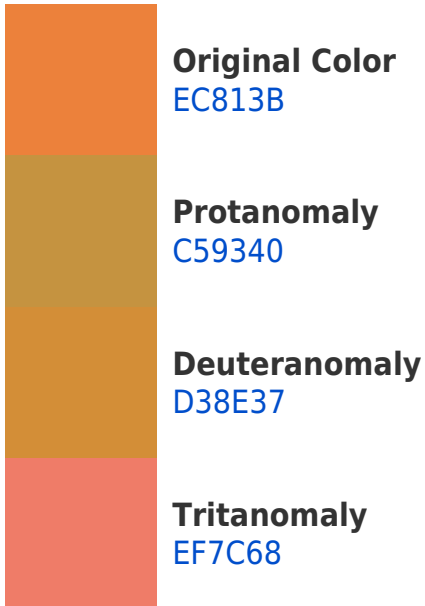
Protanopia
AF9E43

Deuteranopia
C59635

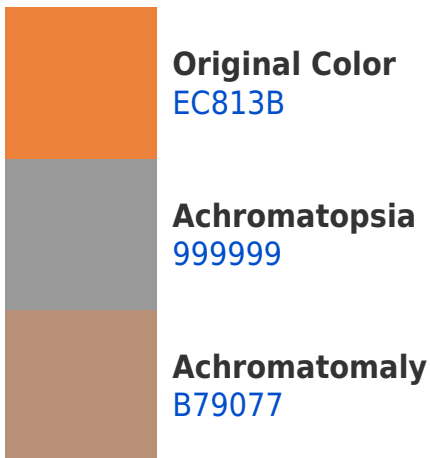


Tritanopia
F07982

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EC813B 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 #EC813B looks like.

```
.text, #text, p{  
    color:#EC813B  
}
```

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 #EC813B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC813B
}
```

Border

The CSS property to change the border of an element to Hex EC813B 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
#EC813B }
```

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

```
.border{ border-color:#EC813B }
```

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

Here you see how a box with a 4 pixel #EC813B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC813B; -webkit-box-shadow:4px 4px  
4px 4px #EC813B; box-shadow:4px 4px 4px  
4px #EC813B }
```

Background

The CSS property to change the background color of an element to Hex EC813B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC813B }
```

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

```
.background{ background-color:#EC813B }
```

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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