

Converting Colors

Hex(EC821F)

Have a look what the booklet for
Hex(EC821F) contains.

Hex(EC821F)	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(EC821F)

Conversions

Conversions Part 1

Format	Color
Hex	EC821F
RGB	236, 130, 31
RGB Percent	93%, 51%, 12%
CMY	0.0745, 0.4902, 0.8784
CMYK	0.00, 0.45, 0.87, 0.07
HSL	29°, 84%, 52%
HSV	29°, 87%, 93%
XYZ	42.8220, 33.8971, 5.5821
YIQ	150.4080, 94.9550, -8.3170

Conversions

Conversions Part 2

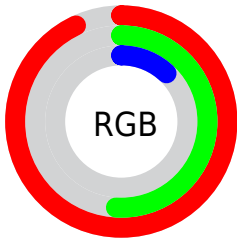
Format	Color
R_{YB}	236, 222, 31
Decimal	15499807
CIE _{Lab}	64.88, 34.68, 65.15
CIE _{LCh}	65, 73.808, 61.972
Yxy	33.8971, 0.5203, 0.4119
Android (android.graphics.Color)	4293689887 (0xFFEC821F)
YUV	150.4080, -58.8681, 75.0642
Hunter-Lab	58.2212, 29.4007, 35.0702

Details

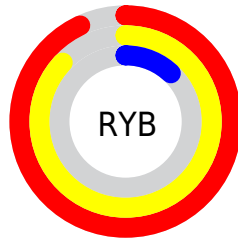
The Hex color **EC821F** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **1F89EC**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFB857**, and **AD4F00** is the 20% darker color. If you saturate the color by 10%, you get **EC7607**, and if you desaturate by 10%, it is **EC8E37**.

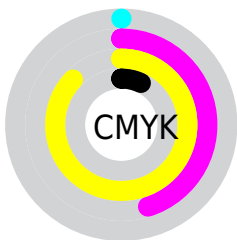
Distribution



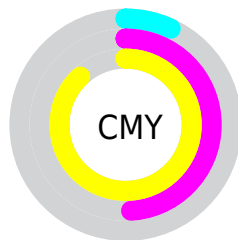
- Red (93%)
- Green (51%)
- Blue (12%)



- Red (93%)
- Yellow (87%)
- Blue (12%)



- Cyan (0%)
- Magenta (45%)
- Yellow (87%)
- Black (7%)



- Cyan (7%)
- Magenta (49%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC821F 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 EC821F by changing the saturation by 10% instead.

 EC821F

 EC821F

FFFFFF

 CC6800


 FFB857

 AD4F00

 FFD472

 8F3700

 FFF08D

 711E00

 FFFFA8

 530200

 FFFFC4

 380000

 FFFFE1

 190001

FFFFFFE

 000000

 EC821F

 EC821F

 EC7607

 EC8E37

 EC7200

 EC9A4E

 ECA766

 ECB37D

 ECBF95

 ECCBAD

 ECD7C4

 ECE4DC

 ECF0F3

Harmonies

Analogous

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



FF655B



EC821F



B89C00

Triad

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



EC821F



00BBA0



A18AFF

Complementary

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



EC821F



1F89EC

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.



00A4FF



EC821F



00BBE2

Square

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



EC821F



00B75C



00B4FF



EF6ADD

Rectangle

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



EC821F



8EA900



00B4FF



7694FF

Sweetspot

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



EC821F



FFDDBD



EC1F8C



806B58



000000



808080

Same Dimension

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



EC821F



FF7B00



ECE51F



756F6A



B55700



361A00

Inverse Universe

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



1F89EC



0084FF



1F26EC



6A7075



005EB5



001C36

Previews

White Background



This preview shows how the Hex color EC821F looks on a white background.

Color Contrast Check

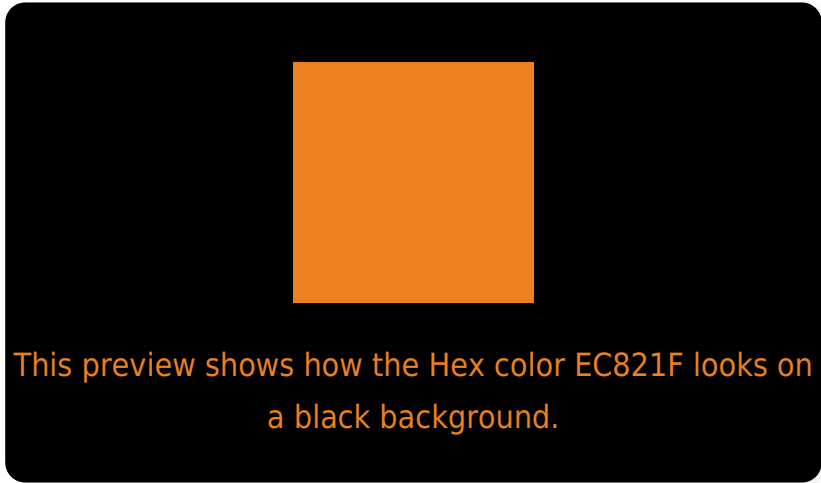
Large Text (above 18pt) WCAG AA × Fail

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 EC821F Background



This preview shows how black text looks on a background with the Hex color EC821F.



This preview shows how white text looks on a background with the Hex color EC821F.

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
EC821F

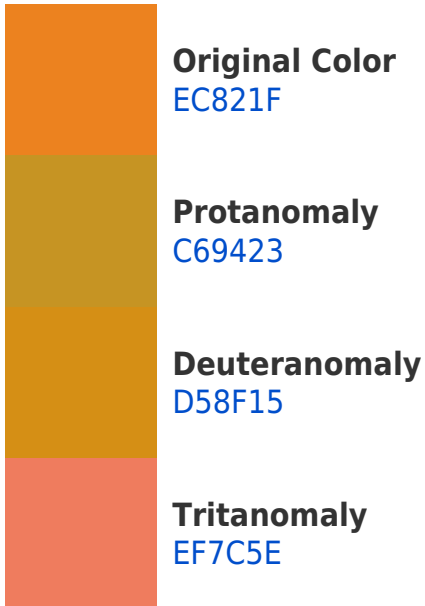
Protanopia
B19E26

Deuteranopia
C89610



Tritanopia
F07982

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EC821F 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 #EC821F looks like.

```
.text, #text, p{  
    color:#EC821F  
}
```

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 #EC821F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC821F
}
```

Border

The CSS property to change the border of an element to Hex EC821F 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
#EC821F }
```

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

```
.border{ border-color:#EC821F }
```

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

Here you see how a box with a 4 pixel #EC821F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC821F; -webkit-box-shadow:4px 4px  
4px 4px #EC821F; box-shadow:4px 4px 4px  
4px #EC821F }
```

Background

The CSS property to change the background color of an element to Hex EC821F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC821F }
```

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

```
.background{ background-color:#EC821F }
```

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