

Converting Colors

Hex(EC8F14)

Have a look what the booklet for
Hex(EC8F14) contains.

Hex(EC8F14)	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(EC8F14)

Conversions

Conversions Part 1

Format	Color
Hex	EC8F14
RGB	236, 143, 20
RGB Percent	93%, 56%, 8%
CMY	0.0745, 0.4392, 0.9216
CMYK	0.00, 0.39, 0.92, 0.07
HSL	34°, 85%, 50%
HSV	34°, 92%, 93%
XYZ	44.5408, 37.5283, 5.5579
YIQ	156.7850, 94.9110, -18.5370

Conversions

Conversions Part 2

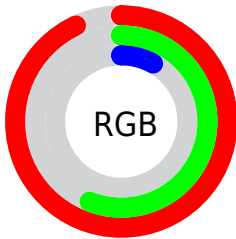
Format	Color
RYB	183, 236, 20
Decimal	15503124
CIELab	67.67, 27.71, 70.07
CIELCh	68, 75.353, 68.420
Yxy	37.5283, 0.5083, 0.4283
Android (android.graphics.Color)	4293693204 (0xFFEC8F14)
YUV	156.7850, -67.4350, 69.4716
Hunter-Lab	61.2603, 22.5771, 37.5031

Details

The Hex color **EC8F14** 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 **1471EC**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFC552**, and **AE5C00** is the 20% darker color. If you saturate the color by 10%, you get **EC8600**, and if you desaturate by 10%, it is **EC992C**.

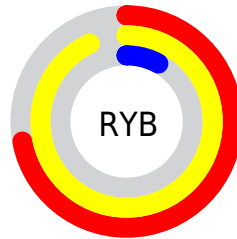
Distribution



Red (93%)

Green (56%)

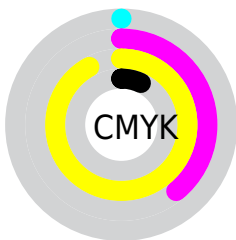
Blue (8%)



Red (72%)

Yellow (93%)

Blue (8%)

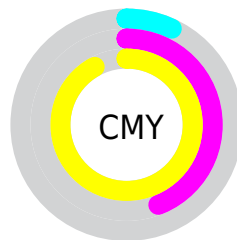


Cyan (0%)

Magenta (39%)

Yellow (92%)

Black (7%)



Cyan (7%)

Magenta (44%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC8F14 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 EC8F14 by changing the saturation by 10% instead.

 EC8F14

 EC8F14

FFFFFF

 CD7500


 FFC552

 AE5C00

 FFE16D

 8F4400

 FFFE89

 712D00

 FFFFA5

 541600

 FFFFC1

 390000

 FFFFDE

 1F0001

 FFFFFB

 000000

 EC8F14

 EC8F14

■ EC8600

■ EC992C

■ ECA343

■ ECAD5B

■ ECB872

■ ECC28A

■ ECCCA2

■ ECD6B9

■ ECE0D1

■ ECEAE8

Harmonies

Analogous

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



FF7154



EC8F14



B3A800

Triad

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



EC8F14



00C4B7



BF8AFF

Complementary

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



EC8F14



1471EC

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.



00A7FF



EC8F14



00C2F8

Square

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



EC8F14



00C170



00B9FF



FF6AD8

Rectangle

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



EC8F14



85B412



00B9FF



9B94FF

Sweetspot

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



EC8F14



FFE1BA



EC1472



806E57



000000



808080

Same Dimension

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



EC8F14



FF9100



DEEC14



75706A



B56700



361E00

Inverse Universe

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



1471EC



006EFF



2214EC



6A6F75



004EB5



001736

Previews

White Background



This preview shows how the Hex color EC8F14 looks on a white background.

Color Contrast Check

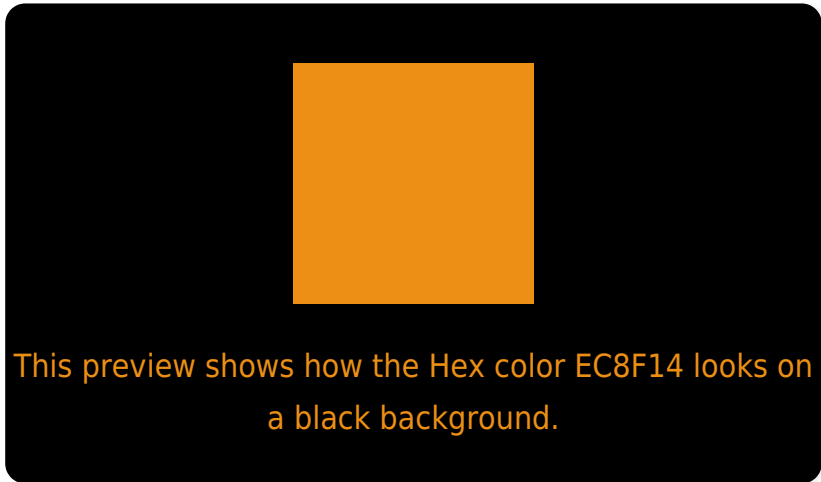
Large Text (above 18pt) WCAG AA × Fail

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 EC8F14 Background



This preview shows how black text looks on a background with the Hex color EC8F14.



This preview shows how white text looks on a background with the Hex color EC8F14.

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
EC8F14

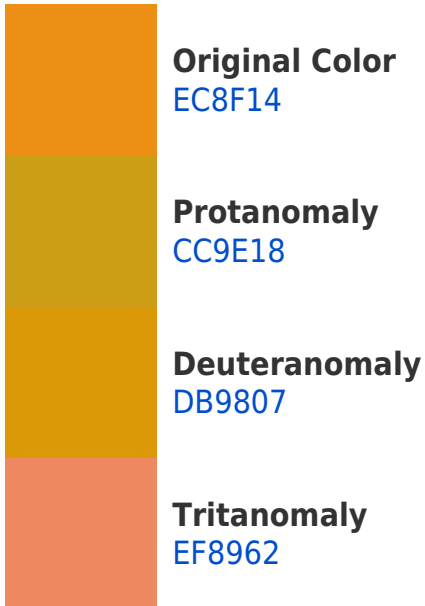
Protanopia
BAA61B

Deuteranopia
D19D00



Tritanopia
F1858F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EC8F14 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 #EC8F14 looks like.

```
.text, #text, p{  
    color:#EC8F14  
}
```

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 #EC8F14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC8F14
}
```

Border

The CSS property to change the border of an element to Hex EC8F14 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
#EC8F14 }
```

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

```
.border{ border-color:#EC8F14 }
```

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

Here you see how a box with a 4 pixel #EC8F14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC8F14; -webkit-box-shadow:4px 4px  
4px 4px #EC8F14; box-shadow:4px 4px 4px  
4px #EC8F14 }
```

Background

The CSS property to change the background color of an element to Hex EC8F14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC8F14 }
```

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

```
.background{ background-color:#EC8F14 }
```

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