

Converting Colors

Hex(EF4800)

Have a look what the booklet for
Hex(EF4800) contains.

Hex(EF4800)	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(EF4800)

Conversions

Conversions Part 1

Format	Color
Hex	EF4800
RGB	239, 72, 0
RGB Percent	94%, 28%, 0%
CMY	0.0627, 0.7176, 1.0000
CMYK	0.00, 0.70, 1.00, 0.06
HSL	18°, 100%, 47%
HSV	18°, 100%, 94%
XYZ	37.9140, 22.9855, 2.4383
YIQ	113.7250, 122.6440, 13.0120

Conversions

Conversions Part 2

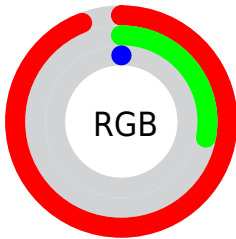
Format	Color
R_{YB}	239, 103, 0
Decimal	15681536
CIE _{Lab}	55.06, 61.78, 66.14
CIE _{LCh}	55, 90.507, 46.951
Yxy	22.9855, 0.5986, 0.3629
Android (android.graphics.Color)	4293871616 (0xFFEF4800)
YUV	113.7250, -56.0664, 109.8662
Hunter-Lab	47.9431, 57.2593, 30.5448

Details

The Hex color **EF4800** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed red. A complement of this color would be **00A7EF**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF813E**, and **AE0000** is the 20% darker color. If you saturate the color by 10%, you get **EF4800**, and if you desaturate by 10%, it is **EF5918**.

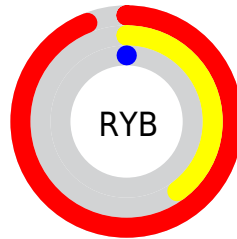
Distribution



Red (94%)

Green (28%)

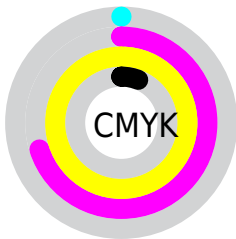
Blue (0%)



Red (94%)

Yellow (40%)

Blue (0%)

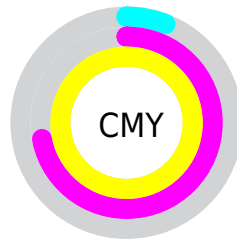


Cyan (0%)

Magenta (70%)

Yellow (100%)

Black (6%)



Cyan (6%)

Magenta (72%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color EF4800 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 EF4800 by changing the saturation by 10% instead.

 EF4800

 EF4800

FFFFFF

 CE2800

 FF813E

 AE0000

 FF9E59

 8D0000

 FFBB73

 6E0000

 FFD88E

 4F0001

 FFF5A9

 320002

 FFFFC5

 000000

 FFFFE2

 EF4800

 EF5918

 EF6930

 EF7A48

 EF8B60

 EF9B77

 EFAC8F

 EFBDA7

 EFCEBF

 EFDED7

Harmonies

Analogous

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



FF005C



EF4800



BC7400

Triad

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



EF4800



00A25D



007FFF

Complementary

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



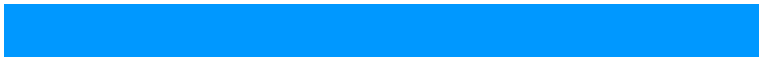
EF4800



00A7EF

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.



0098FF



EF4800



00A4B0

Square

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



EF4800



009C00



00A2F6



BB53F1

Rectangle

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



EF4800



908700



00A2F6



0089FF

Sweetspot

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



EF4800



FFCAB3



EF00A7



805F52



000000



808080

Same Dimension

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



EF4800



FF4D00



EFBF00



786F6C



B83700



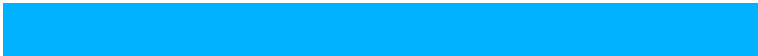
381100

Inverse Universe

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



00A7EF



00B2FF



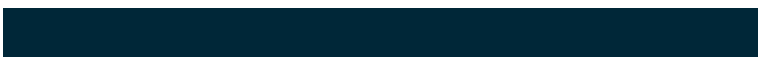
0030EF



6C7478



0080B8



002738

Previews

White Background



This preview shows how the Hex color EF4800 looks on a white background.

Color Contrast Check

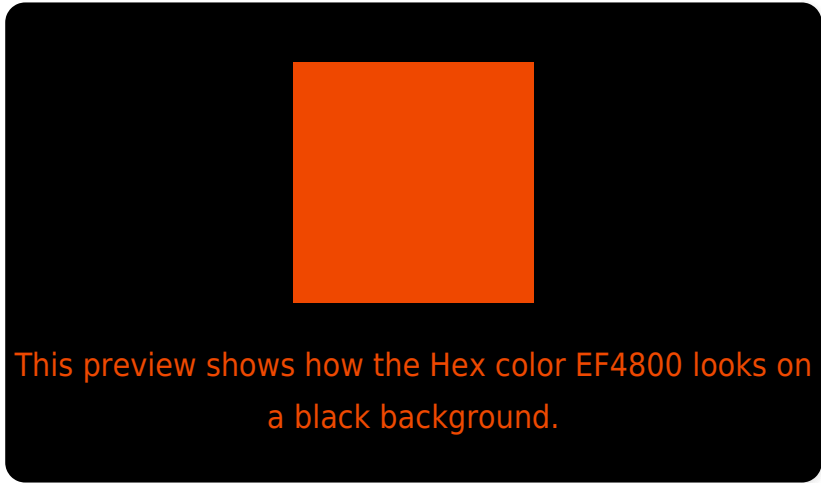
Large Text (above 18pt) WCAG AA ✓ Pass

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 EF4800 Background



This preview shows how black text looks on a background with the Hex color EF4800.



This preview shows how white text looks on a background with the Hex color EF4800.

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
EF4800

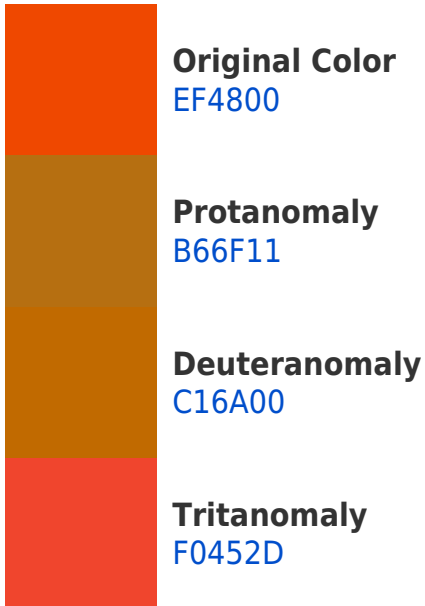
Protanopia
95851A

Deuteranopia
A77E00



Tritanopia
F04346

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EF4800 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 #EF4800 looks like.

```
.text, #text, p{  
    color:#EF4800  
}
```

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 #EF4800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EF4800
}
```

Border

The CSS property to change the border of an element to Hex EF4800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

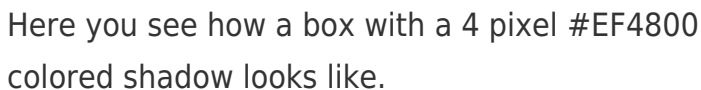
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EF4800 }
```

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

```
.border{ border-color:#EF4800 }
```

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



Here you see how a box with a 4 pixel #EF4800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EF4800; -webkit-box-shadow:4px 4px  
4px 4px #EF4800; box-shadow:4px 4px 4px  
4px #EF4800 }
```

Background

The CSS property to change the background color of an element to Hex EF4800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EF4800 }
```

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

```
.background{ background-color:#EF4800 }
```

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