

Converting Colors

Hex(EF7C00)

Have a look what the booklet for
Hex(EF7C00) contains.

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Color

Hex(EF7C00)

Conversions

Conversions Part 1

Format	Color
Hex	EF7C00
RGB	239, 124, 0
RGB Percent	94%, 49%, 0%
CMY	0.0627, 0.5137, 1.0000
CMYK	0.00, 0.48, 1.00, 0.06
HSL	31°, 100%, 47%
HSV	31°, 100%, 94%
XYZ	42.8043, 32.7660, 4.0684
YIQ	144.2490, 108.3440, -14.1840

Conversions

Conversions Part 2

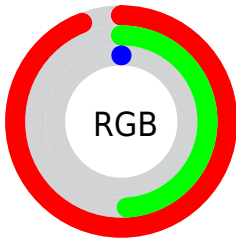
Format	Color
RYB	222, 239, 0
Decimal	15694848
CIELab	63.97, 38.55, 71.02
CIElCh	64, 80.807, 61.505
Yxy	32.7660, 0.5375, 0.4114
Android (android.graphics.Color)	4293884928 (0xFFEF7C00)
YUV	144.2490, -71.1148, 83.0966
Hunter-Lab	57.2416, 33.3063, 35.8551

Details

The Hex color **EF7C00** 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 **0073EF**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FFB247**, and **B04900** is the 20% darker color. If you saturate the color by 10%, you get **EF7C00**, and if you desaturate by 10%, it is **EF8718**.

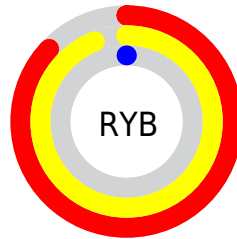
Distribution



Red (94%)

Green (49%)

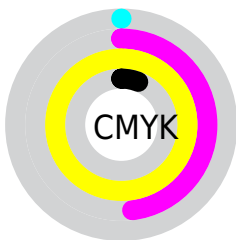
Blue (0%)



Red (87%)

Yellow (94%)

Blue (0%)

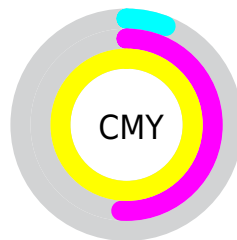


Cyan (0%)

Magenta (48%)

Yellow (100%)

Black (6%)



Cyan (6%)

Magenta (51%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color EF7C00 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 EF7C00 by changing the saturation by 10% instead.

 EF7C00

 EF7C00

FFFFFF

 CF6200

 FFB247

 B04900

 FFCE62

 903000

 FFEA7E

 721500

 FFFF99

 550000

 FFFFB5

 390000

 FFFFD2

 190001

 FFFFEE

 000000

 EF7C00

 EF8718

 EF9330

 EF9F48

 EFAA60

 EFB577

 EFC18F

 EFCCA7

 EFD8BF

 EFE3D7

Harmonies

Analogous

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



FF5854



EF7C00



B79900

Triad

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



EF7C00



00BB9D



9A86FF

Complementary

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



EF7C00



0073EF

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.



00A3FF



EF7C00



00BAE5

Square

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



EF7C00



00B651



00B4FF



F360E1

Rectangle

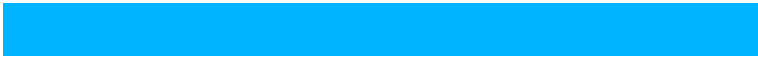
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EF7C00



89A700



00B4FF



6691FF

Sweetspot

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



EF7C00



FFDAB3



EF0074



806952



000000



808080

Same Dimension

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



EF7C00



FF8400



EBEF00



78726C



B85F00



381D00

Inverse Universe

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



0073EF



007BFF



0400EF



6C7278



0058B8



001B38

Previews

White Background



This preview shows how the Hex color EF7C00 looks on a white background.

Color Contrast Check

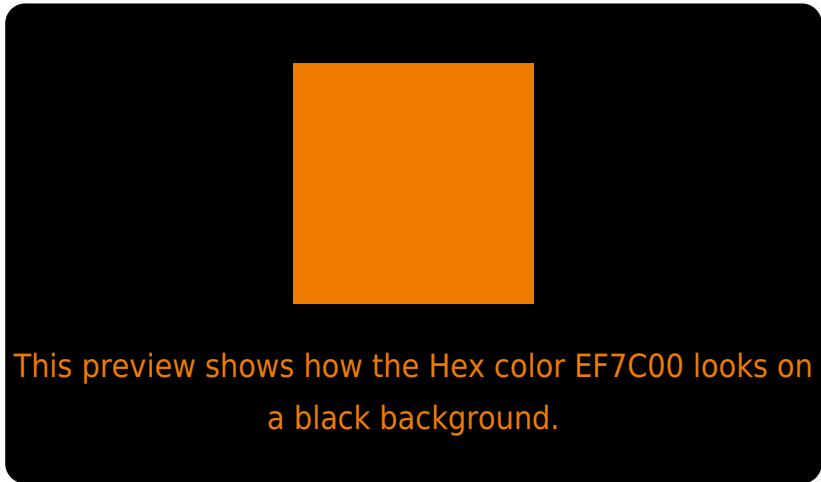
Large Text (above 18pt) WCAG AA × Fail

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 EF7C00 Background



This preview shows how black text looks on a background with the Hex color EF7C00.



This preview shows how white text looks on a background with the Hex color EF7C00.

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
EF7C00

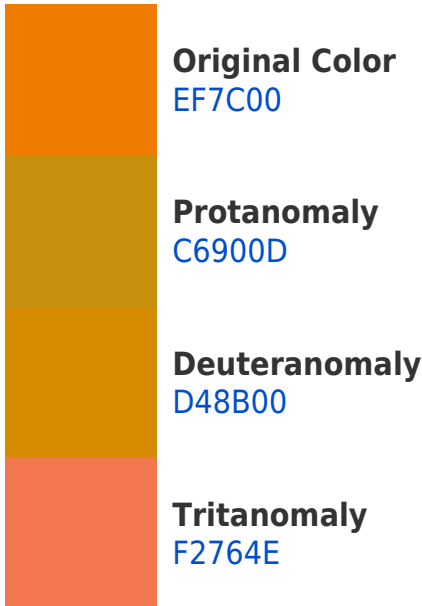
Protanopia
AF9C14

Deuteranopia
C49400



Tritanopia
F3737B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EF7C00 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 #EF7C00 looks like.

```
.text, #text, p{  
    color:#EF7C00  
}
```

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 #EF7C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EF7C00  
}
```

Border

The CSS property to change the border of an element to Hex EF7C00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

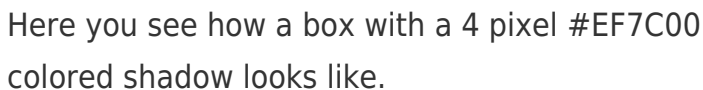
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#EF7C00 }
```

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

```
.border{ border-color:#EF7C00 }
```

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



Here you see how a box with a 4 pixel `#EF7C00` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EF7C00; -webkit-box-shadow:4px 4px  
4px 4px #EF7C00; box-shadow:4px 4px 4px  
4px #EF7C00 }
```

Background

The CSS property to change the background color of an element to Hex EF7C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EF7C00 }
```

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

```
.background{ background-color:#EF7C00 }
```

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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