

Converting Colors

Hex(EF6A00)

Have a look what the booklet for
Hex(EF6A00) contains.

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Color

Hex(EF6A00)

Conversions

Conversions Part 1

Format	Color
Hex	EF6A00
RGB	239, 106, 0
RGB Percent	94%, 42%, 0%
CMY	0.0627, 0.5843, 1.0000
CMYK	0.00, 0.56, 1.00, 0.06
HSL	27°, 100%, 47%
HSV	27°, 100%, 94%
XYZ	40.7506, 28.6588, 3.3839
YIQ	133.6830, 113.2940, -4.7700

Conversions

Conversions Part 2

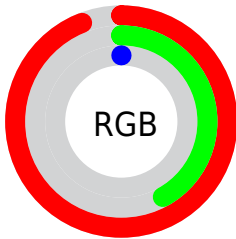
Format	Color
R_{YB}	239, 190, 0
Decimal	15690240
CIE Lab	60.48, 47.37, 68.98
CIE LCh	60, 83.680, 55.521
Yxy	28.6588, 0.5598, 0.3937
Android (android.graphics.Color)	4293880320 (0xFFEF6A00)
YUV	133.6830, -65.9057, 92.3630
Hunter-Lab	53.5339, 42.1920, 33.7260

Details

The Hex color **EF6A00** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **0085EF**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FFA044**, and **AF3500** is the 20% darker color. If you saturate the color by 10%, you get **EF6A00**, and if you desaturate by 10%, it is **EF7718**.

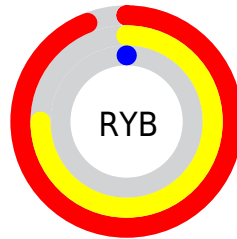
Distribution



Red (94%)

Green (42%)

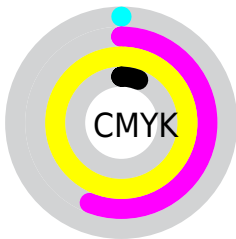
Blue (0%)



Red (94%)

Yellow (75%)

Blue (0%)

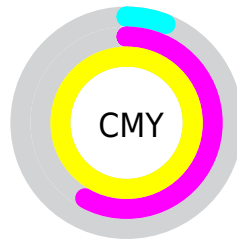


Cyan (0%)

Magenta (56%)

Yellow (100%)

Black (6%)



Cyan (6%)

Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color EF6A00 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 EF6A00 by changing the saturation by 10% instead.

 EF6A00

 EF6A00

FFFFFF

 CF5000

 FFA044

 AF3500

 FFBC5F

 8F1700

 FFD87A

 700000

 FFF695

 530000

 FFFFB1

 380002

 FFFFCD

 100000

 FFFFEA

 000000

 EF6A00

 EF7718

 EF8530

 EF9248

 EF9F60

 EFAD77

 EFBA8F

 EFC7A7

 EFD4BF

 EFE2D7

Harmonies

Analogous

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



FF4157



EF6A00



B98B00

Triad

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



EF6A00



00B184



6F83FF

Complementary

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



EF6A00



0085EF

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.



009FFF



EF6A00



00B2D0

Square

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



EF6A00



00AC35



00ADFF



DE5AE7

Rectangle

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



EF6A00



8D9A00



00ADFF



008EFF

Sweetspot

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



EF6A00



FFD4B3



EF0087



806652



000000



808080

Same Dimension

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



EF6A00



FF7100



EFD000



78716C



B85100



381900

Inverse Universe

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



0085EF



008EFF



0010EF



6C7378



0066B8



001F38

Previews

White Background



This preview shows how the Hex color EF6A00 looks on a white background.

Color Contrast Check

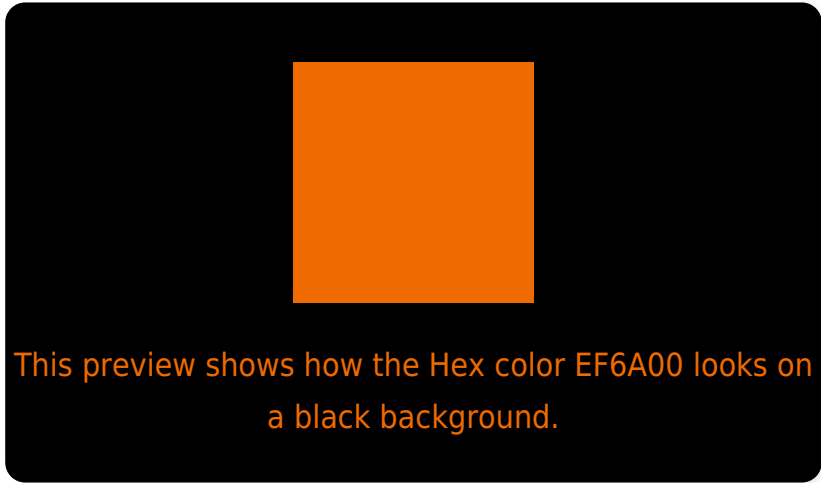
Large Text (above 18pt) WCAG AA ✓ Pass

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 EF6A00 Background



This preview shows how black text looks on a background with the Hex color EF6A00.



This preview shows how white text looks on a background with the Hex color EF6A00.

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
EF6A00

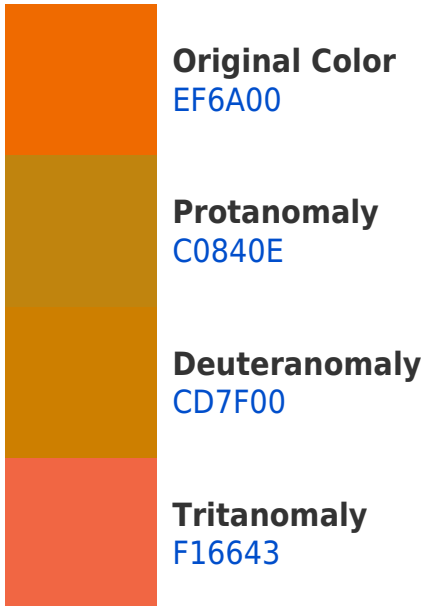
Protanopia
A59316

Deuteranopia
B98B00



Tritanopia
F26369

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EF6A00 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 #EF6A00 looks like.

```
.text, #text, p{  
    color:#EF6A00  
}
```

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 #EF6A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EF6A00
}
```

Border

The CSS property to change the border of an element to Hex EF6A00 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
#EF6A00 }
```

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

```
.border{ border-color:#EF6A00 }
```

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

Here you see how a box with a 4 pixel #EF6A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EF6A00; -webkit-box-shadow:4px 4px  
4px 4px #EF6A00; box-shadow:4px 4px 4px  
4px #EF6A00 }
```

Background

The CSS property to change the background color of an element to Hex EF6A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EF6A00 }
```

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

```
.background{ background-color:#EF6A00 }
```

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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