

Converting Colors

Hex(EF6643)

Have a look what the booklet for
Hex(EF6643) contains.

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Color

Hex(EF6643)

Conversions

Conversions Part 1

Format	Color
Hex	EF6643
RGB	239, 102, 67
RGB Percent	94%, 40%, 26%
CMY	0.0627, 0.6000, 0.7373
CMYK	0.00, 0.57, 0.72, 0.06
HSL	12°, 84%, 60%
HSV	12°, 72%, 94%
XYZ	41.3611, 28.2587, 8.5847
YIQ	138.9730, 92.8870, 18.1590

Conversions

Conversions Part 2

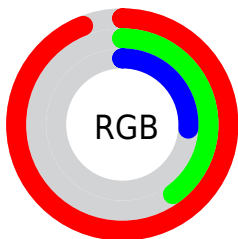
Format	Color
R_{YB}	239, 111, 67
Decimal	15689283
CIE _{Lab}	60.12, 50.79, 45.48
CIE _{LCh}	60, 68.177, 41.848
Yxy	28.2587, 0.5289, 0.3613
Android (android.graphics.Color)	4293879363 (0xFFEF6643)
YUV	138.9730, -35.4827, 87.7237
Hunter-Lab	53.1589, 45.8565, 27.6364

Details

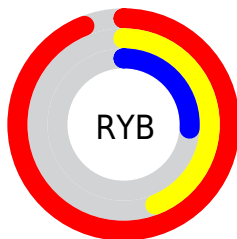
The Hex color **EF6643** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle muted orange. A complement of this color would be **43CCEF**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FF9D75**, and **B02F14** is the 20% darker color. If you saturate the color by 10%, you get **EF532B**, and if you desaturate by 10%, it is **EF795B**.

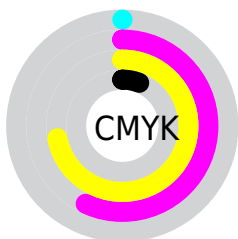
Distribution



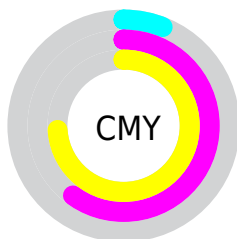
- Red (94%)
- Green (40%)
- Blue (26%)



- Red (94%)
- Yellow (44%)
- Blue (26%)



- Cyan (0%)
- Magenta (57%)
- Yellow (72%)
- Black (6%)



- Cyan (6%)
- Magenta (60%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color EF6643 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 EF6643 by changing the saturation by 10% instead.

 EF6643

 EF6643

FFFFFF

 CF4B2B

 FF9D75

 B02F14

 FFB98F

 910C00

 FFD5A9

 730000

 FFF3C5

 550000

 FFFFE1

 3A0002

FFFFFFE

 130000

 000000

 EF6643

 EF6643

 EF532B

 EF795B

 EF4013

 EF8C73

 EF3100

 EF9F8B

 EFB2A3

 EFC5BA

 EFD8D2

 EFEBEA

 EFFEFF

 EFFFFFF

Harmonies

Analogous

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



FC537C



EF6643



CB8009

Triad

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



EF6643



00AA69



2C90FF

Complementary

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



EF6643



43CCEF

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.



00A2FF



EF6643



00ADA8

Square

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



EF6643



53A32E



00AAE0



B176EB

Rectangle

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



EF6643



AA8F00



00AAE0



0097FF

Sweetspot

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



EF6643



FFD2C7



EF43CD



80655E



000000



808080

Same Dimension

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



EF6643



FF5024



EFBB43



786E6C



B82500



380B00

Inverse Universe

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



43CCEF



24D2FF



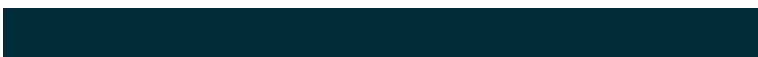
4377EF



6C7578



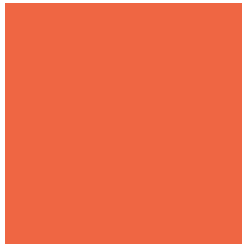
0092B8



002D38

Previews

White Background



This preview shows how the Hex color EF6643 looks on a white background.

Color Contrast Check

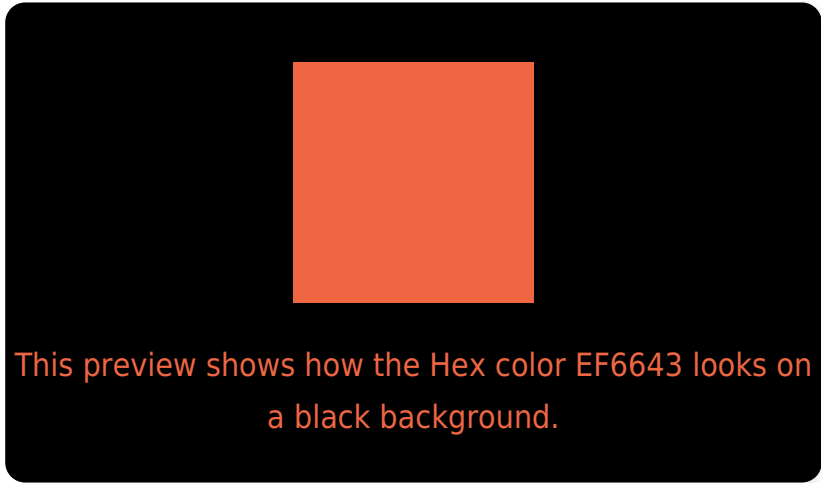
Large Text (above 18pt) WCAG AA ✓ Pass

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 EF6643 Background



This preview shows how black text looks on a background with the Hex color EF6643.



This preview shows how white text looks on a background with the Hex color EF6643.

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
EF6643

Protanopia
A09151

Deuteranopia
B58A3B



Tritanopia
F16168

Trichromacy



Original Color
EF6643

Protanomaly
BD814C

Deuteranomaly
CA7D3E

Tritanomaly
F0635B

Monochromacy



Original Color
EF6643

Achromatopsia
8B8B8B

Achromatomaly
AF7E71

CSS Examples

Text

The CSS property to change the color of the text to Hex EF6643 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 #EF6643 looks like.

```
.text, #text, p{  
    color:#EF6643  
}
```

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 #EF6643 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EF6643
}
```

Border

The CSS property to change the border of an element to Hex EF6643 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
#EF6643 }
```

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

```
.border{ border-color:#EF6643 }
```

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

Here you see how a box with a 4 pixel #EF6643 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EF6643; -webkit-box-shadow:4px 4px  
4px 4px #EF6643; box-shadow:4px 4px 4px  
4px #EF6643 }
```

Background

The CSS property to change the background color of an element to Hex EF6643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EF6643 }
```

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

```
.background{ background-color:#EF6643 }
```

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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