

Converting Colors

Hex(EF5831)

Have a look what the booklet for
Hex(EF5831) contains.

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Color

Hex(EF5831)

Conversions

Conversions Part 1

Format	Color
Hex	EF5831
RGB	239, 88, 49
RGB Percent	94%, 35%, 19%
CMY	0.0627, 0.6549, 0.8078
CMYK	0.00, 0.63, 0.79, 0.06
HSL	12°, 86%, 56%
HSV	12°, 79%, 94%
XYZ	39.6407, 25.5519, 5.7484
YIQ	128.7030, 102.5150, 19.8830

Conversions

Conversions Part 2

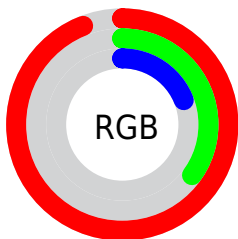
Format	Color
R_{YB}	239, 98, 49
Decimal	15685681
CIE _{Lab}	57.61, 56.29, 51.88
CIE _{LCh}	58, 76.552, 42.669
Yxy	25.5519, 0.5588, 0.3602
Android (android.graphics.Color)	4293875761 (0xFFEF5831)
YUV	128.7030, -39.2936, 96.7305
Hunter-Lab	50.5489, 51.5200, 28.6417

Details

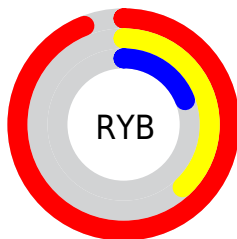
The Hex color **EF5831** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **31C8EF**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF9062**, and **AF1B00** is the 20% darker color. If you saturate the color by 10%, you get **EF4519**, and if you desaturate by 10%, it is **EF6B49**.

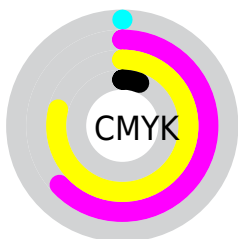
Distribution



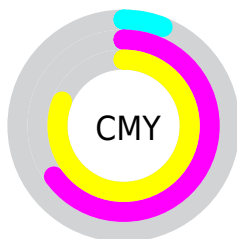
- Red (94%)
- Green (35%)
- Blue (19%)



- Red (94%)
- Yellow (38%)
- Blue (19%)



- Cyan (0%)
- Magenta (63%)
- Yellow (79%)
- Black (6%)



- Cyan (6%)
- Magenta (65%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color EF5831 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 EF5831 by changing the saturation by 10% instead.

 EF5831

 EF5831

FFFFFF

 CF3C18

 FF9062

 AF1B00

 FFAC7C

 900000

 FFC896

 700000

 FFE5B2

 520000

 FFFFCD

 360002

 FFFFEA

 080000

 000000

 EF5831

 EF5831

 EF4519

 EF6B49

 EF3201

 EF7E61

 EF3100

 EF9179

 EFA491

 EFB7A9

 EFCAC0

 EFD4D8

 EFF0F0

 EFFFFFF

Harmonies

Analogous

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



FF3B71



EF5831



C67900

Triad

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



EF5831



00A560



0089FF

Complementary

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



EF5831



31C8EF

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.



009DFF



EF5831



00A8A6

Square

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



EF5831



3B9E13



00A6E4



AF6AEE

Rectangle

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



EF5831



A28A00



00A6E4



0091FF

Sweetspot

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



EF5831



FFCEC2



EF31C9



80625B



000000



808080

Same Dimension

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



EF5831



FF3E0D



EFB631



786E6C



B82600



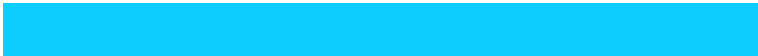
380C00

Inverse Universe

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



31C8EF



0DCDFF



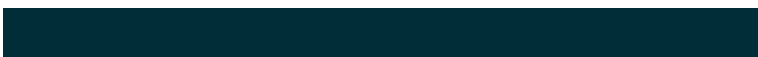
316AEF



6C7578



0092B8



002D38

Previews

White Background



This preview shows how the Hex color EF5831 looks on a white background.

Color Contrast Check

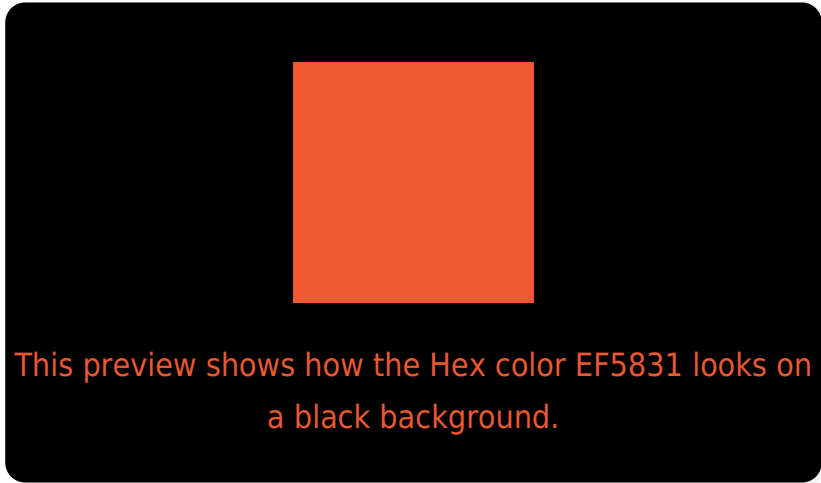
Large Text (above 18pt) WCAG AA ✓ Pass

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 EF5831 Background



This preview shows how black text looks on a background with the Hex color EF5831.



This preview shows how white text looks on a background with the Hex color EF5831.

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
EF5831

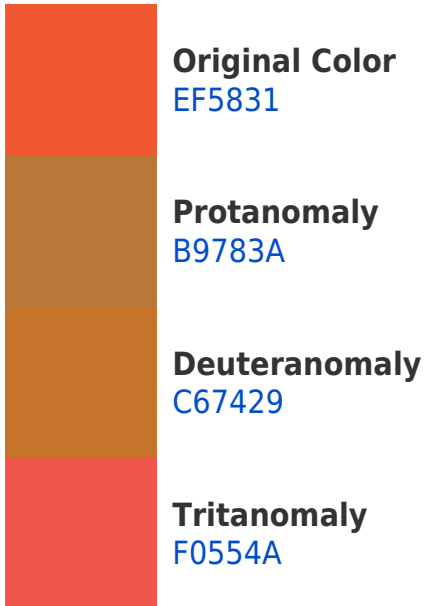
Protanopia
9A8B3F

Deuteranopia
AE8424



Tritanopia
F05358

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EF5831 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 #EF5831 looks like.

```
.text, #text, p{  
    color:#EF5831  
}
```

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 #EF5831 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EF5831
}
```

Border

The CSS property to change the border of an element to Hex EF5831 is called "border". The border property can be set on classes, ids or directly on the HTML element.

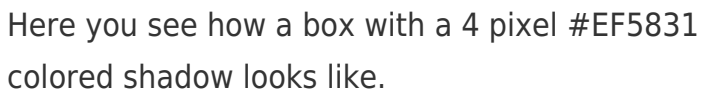
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EF5831 }
```

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

```
.border{ border-color:#EF5831 }
```

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



Here you see how a box with a 4 pixel #EF5831 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EF5831; -webkit-box-shadow:4px 4px  
4px 4px #EF5831; box-shadow:4px 4px 4px  
4px #EF5831 }
```

Background

The CSS property to change the background color of an element to Hex EF5831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EF5831 }
```

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

```
.background{ background-color:#EF5831 }
```

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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