

Converting Colors

Hex(EF5B00)

Have a look what the booklet for
Hex(EF5B00) contains.

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Color

Hex(EF5B00)

Conversions

Conversions Part 1

Format	Color
Hex	EF5B00
RGB	239, 91, 0
RGB Percent	94%, 36%, 0%
CMY	0.0627, 0.6431, 1.0000
CMYK	0.00, 0.62, 1.00, 0.06
HSL	23°, 100%, 47%
HSV	23°, 100%, 94%
XYZ	39.3377, 25.8329, 2.9129
YIQ	124.8780, 117.4190, 3.0750

Conversions

Conversions Part 2

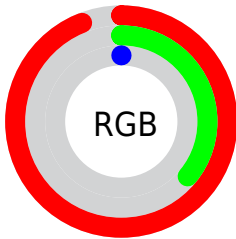
Format	Color
RYB	239, 147, 0
Decimal	15686400
CIELab	57.88, 54.17, 67.56
CIELCh	58, 86.598, 51.275
Yxy	25.8329, 0.5778, 0.3794
Android (android.graphics.Color)	4293876480 (0xFFEF5B00)
YUV	124.8780, -61.5649, 100.0850
Hunter-Lab	50.8261, 49.2074, 32.1802

Details

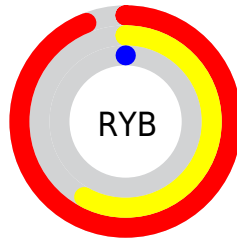
The Hex color **EF5B00** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed red. A complement of this color would be **0094EF**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF9241**, and **AE2100** is the 20% darker color. If you saturate the color by 10%, you get **EF5B00**, and if you desaturate by 10%, it is **EF6A18**.

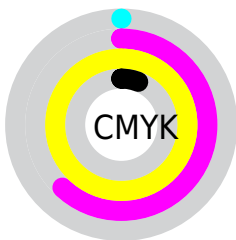
Distribution



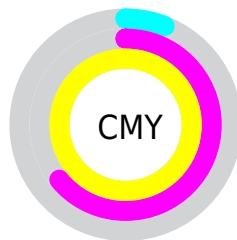
- Red (94%)
- Green (36%)
- Blue (0%)



- Red (94%)
- Yellow (58%)
- Blue (0%)



- Cyan (0%)
- Magenta (62%)
- Yellow (100%)
- Black (6%)



- Cyan (6%)
- Magenta (64%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color EF5B00 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 EF5B00 by changing the saturation by 10% instead.

 EF5B00

 EF5B00

FFFFFF

 CE3F00

 FF9241

 AE2100

 FFAE5C

 8E0000

 FFCB77

 6F0000

 FFE892

 510000

 FFFFAD

 360002

 FFFFC9

 050000

 FFFFEE

 000000

 EF5B00

 EF6A18

 EF7930

 EF8748

 EF9660

 EFA577

 EFB48F

 EFC3A7

 EFD1BF

 EFE0D7

Harmonies

Analogous

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



FF285A



EF5B00



BB8000

Triad

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



EF5B00



00AA72



3D81FF

Complementary

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



EF5B00



0094EF

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.



009BFF



EF5B00



00ABC0

Square

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



EF5B00



00A41A



00A8FF



CE57EB

Rectangle

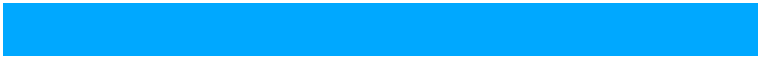
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EF5B00



8F9100



00A8FF



008CFF

Sweetspot

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



EF5B00



FFD0B3



EF0097



806352



000000



808080

Same Dimension

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



EF5B00



FF6100



EFCF00



78706C



B84600



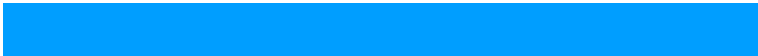
381500

Inverse Universe

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



0094EF



009EFF



0020EF



6C7378



0072B8



002338

Previews

White Background



This preview shows how the Hex color EF5B00 looks on a white background.

Color Contrast Check

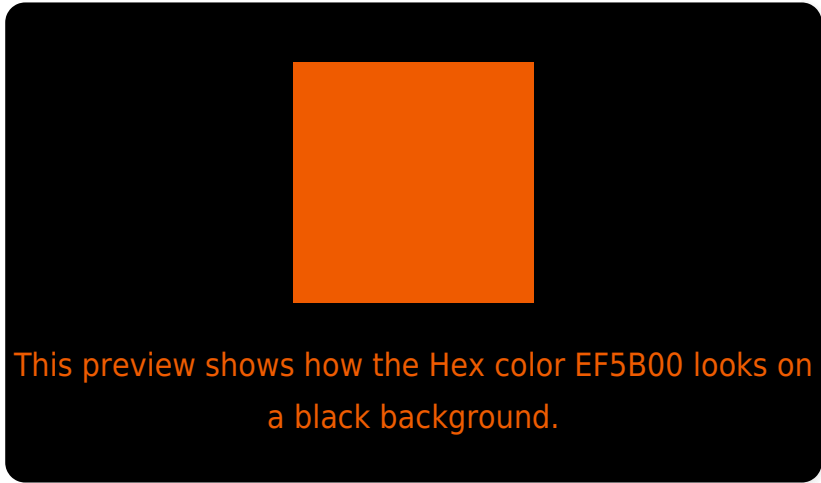
Large Text (above 18pt) WCAG AA ✓ Pass

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 EF5B00 Background



This preview shows how black text looks on a background with the Hex color EF5B00.



This preview shows how white text looks on a background with the Hex color EF5B00.

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

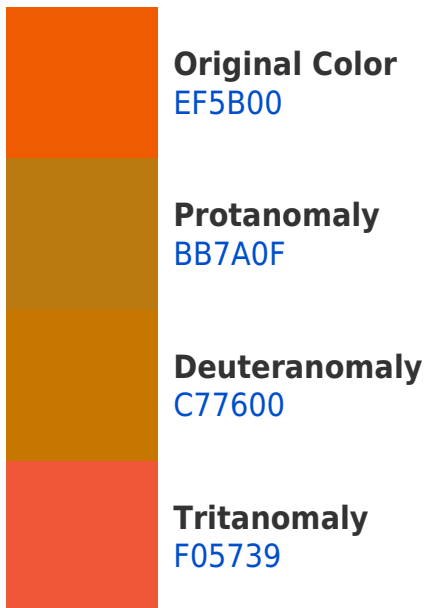


Original Color
EF5B00

Protanopia
9D8C18

Deuteranopia
B08500

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EF5B00 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 #EF5B00 looks like.

```
.text, #text, p{  
    color:#EF5B00  
}
```

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 #EF5B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EF5B00
}
```

Border

The CSS property to change the border of an element to Hex EF5B00 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
#EF5B00 }
```

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

```
.border{ border-color:#EF5B00 }
```

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

Here you see how a box with a 4 pixel #EF5B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EF5B00; -webkit-box-shadow:4px 4px  
4px 4px #EF5B00; box-shadow:4px 4px 4px  
4px #EF5B00 }
```

Background

The CSS property to change the background color of an element to Hex EF5B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EF5B00 }
```

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

```
.background{ background-color:#EF5B00 }
```

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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