

Converting Colors

Hex(EF5D11)

Have a look what the booklet for
Hex(EF5D11) contains.

Hex(EF5D11)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(EF5D11)

Conversions

Conversions Part 1

Format	Color
Hex	EF5D11
RGB	239, 93, 17
RGB Percent	94%, 36%, 7%
CMY	0.0627, 0.6353, 0.9333
CMYK	0.00, 0.61, 0.93, 0.06
HSL	21°, 87%, 50%
HSV	21°, 93%, 94%
XYZ	39.6121, 26.2199, 3.5035
YIQ	127.9900, 111.4120, 7.3160

Conversions

Conversions Part 2

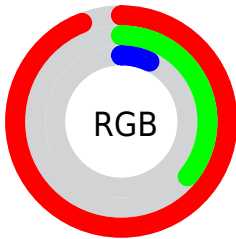
Format	Color
R_{YB}	239, 133, 17
Decimal	15686929
CIE _{Lab}	58.25, 53.46, 64.40
CIE _{LCh}	58, 83.693, 50.303
Yxy	26.2199, 0.5713, 0.3782
Android (android.graphics.Color)	4293877009 (0xFFEF5D11)
YUV	127.9900, -54.7181, 97.3558
Hunter-Lab	51.2054, 48.4770, 31.7871

Details

The Hex color **EF5D11** 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 **11A3EF**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF9449**, and **AF2300** is the 20% darker color. If you saturate the color by 10%, you get **EF5200**, and if you desaturate by 10%, it is **EF6D29**.

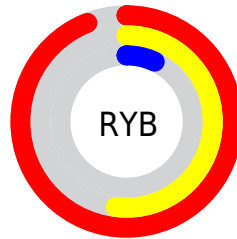
Distribution



Red (94%)

Green (36%)

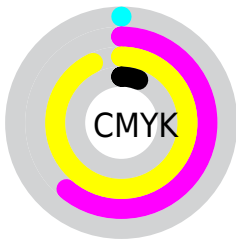
Blue (7%)



Red (94%)

Yellow (52%)

Blue (7%)

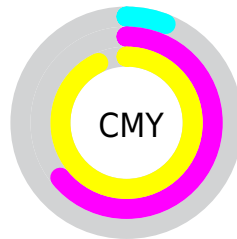


Cyan (0%)

Magenta (61%)

Yellow (93%)

Black (6%)



Cyan (6%)

Magenta (64%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color EF5D11 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 EF5D11 by changing the saturation by 10% instead.

 EF5D11

 EF5D11

FFFFFF

 CF4100

 FF9449

 AF2300

 FFB064

 8F0000

 FFCC7E

 700000

 FFE999

 510000

 FFFFB5

 360002

 FFFFD1

 070000

 FFFFEE

 000000

 EF5D11

 EF5D11

■ EF5200

■ EF6D29

■ EF7C41

■ EF8C59

■ EF9C71

■ EFAC88

■ EFBBA0

■ EFCBB8

■ EFDBD0

■ EFEE8

Harmonies

Analogous

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



FF315E



EF5D11



BD8000

Triad

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



EF5D11



00AA71



3D83FF

Complementary

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



EF5D11



11A3EF

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.



009CFF



EF5D11



00ACBD

Square

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



EF5D11



00A41E



00A8FD



CA5CEB

Rectangle

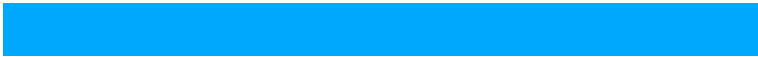
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EF5D11



939100



00A8FD



008DFF

Sweetspot

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



EF5D11



FFD0B8



EF11A5



806354



000000



808080

Same Dimension

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



EF5D11



FF5700



EFCA11



78706C



B83F00



381300

Inverse Universe

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



11A3EF



00A8FF



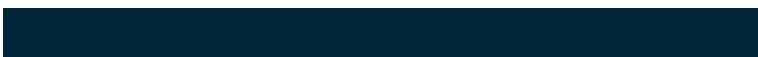
1136EF



6C7478



0079B8



002538

Previews

White Background



This preview shows how the Hex color EF5D11 looks on a white background.

Color Contrast Check

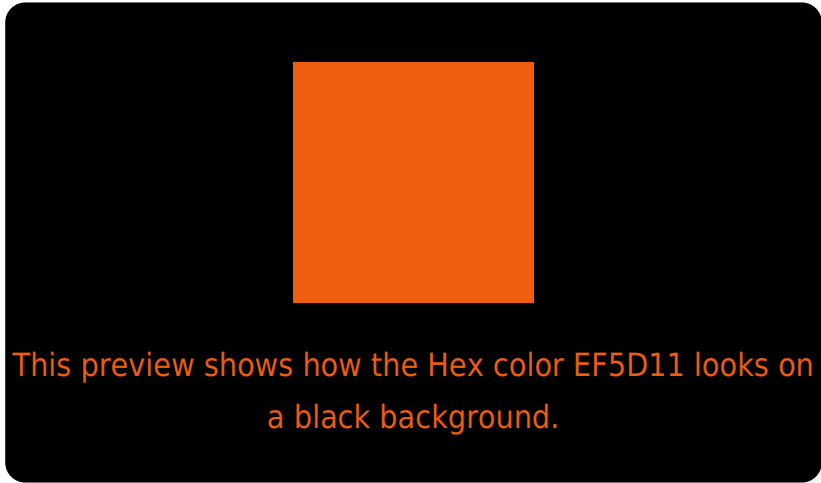
Large Text (above 18pt) WCAG AA ✓ Pass

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 EF5D11 Background



This preview shows how black text looks on a background with the Hex color EF5D11.



This preview shows how white text looks on a background with the Hex color EF5D11.

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
EF5D11

Protanopia
9E8D1E

Deuteranopia
B18500

Trichromacy



Original Color
EF5D11

Protanomaly
BB7C19

Deuteranomaly
C87606

Tritanomaly
F05941

Monochromacy



Original Color
EF5D11

Achromatopsia
808080

Achromatomaly
A87358

CSS Examples

Text

The CSS property to change the color of the text to Hex EF5D11 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 #EF5D11 looks like.

```
.text, #text, p{  
    color:#EF5D11  
}
```

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 #EF5D11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EF5D11
}
```

Border

The CSS property to change the border of an element to Hex EF5D11 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
#EF5D11 }
```

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

```
.border{ border-color:#EF5D11 }
```

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

Here you see how a box with a 4 pixel #EF5D11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EF5D11; -webkit-box-shadow:4px 4px  
4px 4px #EF5D11; box-shadow:4px 4px 4px  
4px #EF5D11 }
```

Background

The CSS property to change the background color of an element to Hex EF5D11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EF5D11 }
```

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

```
.background{ background-color:#EF5D11 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor