

Converting Colors

Hex(ED4F13)

Have a look what the booklet for
Hex(ED4F13) contains.

Hex(ED4F13)	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(ED4F13)

Conversions

Conversions Part 1

Format	Color
Hex	ED4F13
RGB	237, 79, 19
RGB Percent	93%, 31%, 7%
CMY	0.0706, 0.6902, 0.9255
CMYK	0.00, 0.67, 0.92, 0.07
HSL	17°, 86%, 50%
HSV	17°, 92%, 93%
XYZ	37.8386, 23.6435, 3.1854
YIQ	119.4020, 113.4280, 14.8360

Conversions

Conversions Part 2

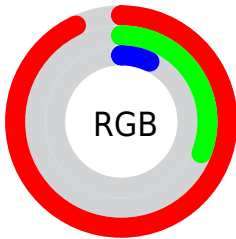
Format	Color
R _Y B	237, 102, 19
Decimal	15552275
CIE Lab	55.73, 58.64, 62.04
CIE LCh	56, 85.373, 46.614
Yxy	23.6435, 0.5851, 0.3656
Android (android.graphics.Color)	4293742355 (0xFFED4F13)
YUV	119.4020, -49.4982, 103.1334
Hunter-Lab	48.6246, 53.8117, 30.1531

Details

The Hex color **ED4F13** 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 **13B1ED**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF8749**, and **AC0600** is the 20% darker color. If you saturate the color by 10%, you get **ED4100**, and if you desaturate by 10%, it is **ED602B**.

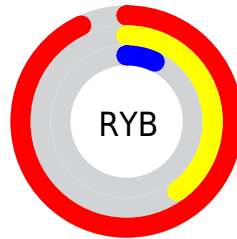
Distribution



Red (93%)

Green (31%)

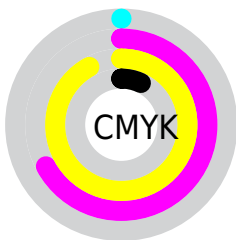
Blue (7%)



Red (93%)

Yellow (40%)

Blue (7%)

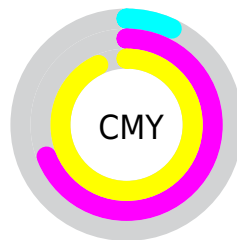


Cyan (0%)

Magenta (67%)

Yellow (92%)

Black (7%)



Cyan (7%)

Magenta (69%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color ED4F13 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 ED4F13 by changing the saturation by 10% instead.

 ED4F13

 ED4F13

FFFFFF

 CC3100

 FF8749

 AC0600

 FFA363

 8C0000

 FFC07D

 6D0000

 FFDD98

 4F0001

 FFFBB3

 320002

 FFFFCE

 000000

 FFFFEC

 ED4F13

 ED4F13

ED4100

ED602B

ED7142

ED835A

ED9472

EDA589

EDB6A1

EDC7B9

EDD8D1

EDEAE8

Harmonies

Analogous

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



FF1760



ED4F13



BD7600

Triad

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



ED4F13



00A360



0081FF

Complementary

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



ED4F13



13B1ED

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.



0098FF



ED4F13



00A5AE

Square

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



ED4F13



009C00



00A3F1



B959ED

Rectangle

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



ED4F13



938800



00A3F1



008AFF

Sweetspot

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



ED4F13



FFCBB8



ED13B3



806054



000000



808080

Same Dimension

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



ED4F13



FF4600



EDBA13



756D6A



B53200



360F00

Inverse Universe

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



13B1ED



00B9FF



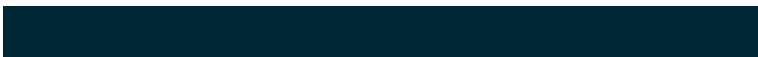
1346ED



6A7275



0083B5



002736

Previews

White Background



This preview shows how the Hex color ED4F13 looks on a white background.

Color Contrast Check

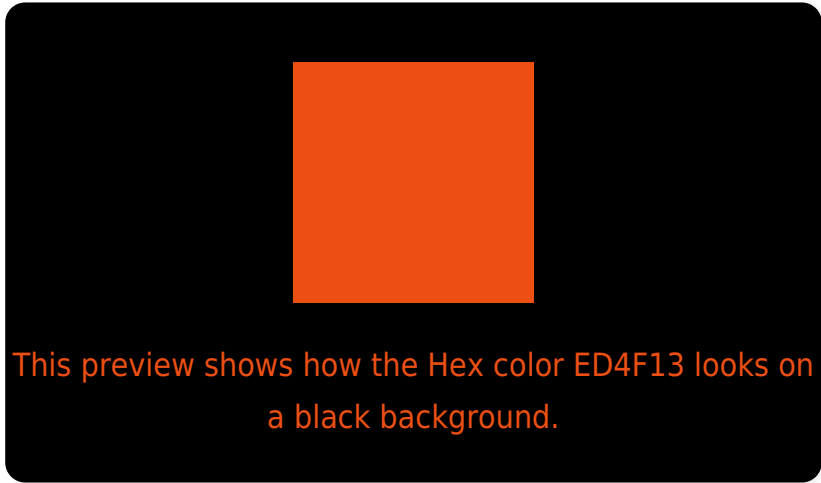
Large Text (above 18pt) WCAG AA ✓ Pass

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 ED4F13 Background



This preview shows how black text looks on a background with the Hex color ED4F13.



This preview shows how white text looks on a background with the Hex color ED4F13.

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
ED4F13

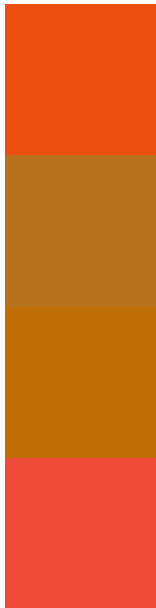
Protanopia
978621

Deuteranopia
A97F00



Tritanopia
EE4A4E

Trichromacy



Original Color
ED4F13

Protanomaly
B6721C

Deuteranomaly
C26E07

Tritanomaly
EE4C39

Monochromacy



Original Color
ED4F13

Achromatopsia
777777

Achromatomaly
A26853

CSS Examples

Text

The CSS property to change the color of the text to Hex ED4F13 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 #ED4F13 looks like.

```
.text, #text, p{  
    color:#ED4F13  
}
```

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 #ED4F13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED4F13
}
```

Border

The CSS property to change the border of an element to Hex ED4F13 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".

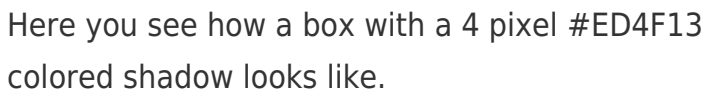
```
.border, #border, table{ border:4px solid
#ED4F13 }
```

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

```
.border{ border-color:#ED4F13 }
```

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

Here you see how a box with a 4 pixel #ED4F13 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED4F13; -webkit-box-shadow:4px 4px  
4px 4px #ED4F13; box-shadow:4px 4px 4px  
4px #ED4F13 }
```

Background

The CSS property to change the background color of an element to Hex ED4F13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED4F13 }
```

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

```
.background{ background-color:#ED4F13 }
```

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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