

Converting Colors

Hex(F02E1E)

Have a look what the booklet for
Hex(F02E1E) contains.

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Color

Hex(F02E1E)

Conversions

Conversions Part 1

Format	Color
Hex	F02E1E
RGB	240, 46, 30
RGB Percent	94%, 18%, 12%
CMY	0.0588, 0.8196, 0.8824
CMYK	0.00, 0.81, 0.88, 0.06
HSL	5°, 88%, 53%
HSV	5°, 88%, 94%
XYZ	37.1465, 20.5730, 3.2414
YIQ	102.1820, 120.7600, 36.1520

Conversions

Conversions Part 2

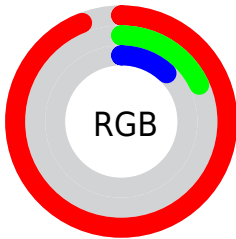
Format	Color
RYB	240, 47, 30
Decimal	15740446
CIELab	52.48, 70.40, 56.08
CIELCh	52, 90.004, 38.543
Yxy	20.5730, 0.6093, 0.3375
Android (android.graphics.Color)	4293930526 (0xFFFF02E1E)
YUV	102.1820, -35.5857, 120.8664
Hunter-Lab	45.3575, 66.8111, 27.5131

Details

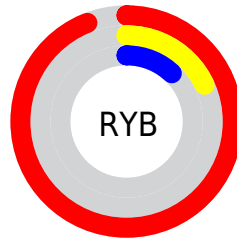
The Hex color **F02E1E** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **1EE0F0**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF6F4F**, and **AE0000** is the 20% darker color. If you saturate the color by 10%, you get **F01806**, and if you desaturate by 10%, it is **F04436**.

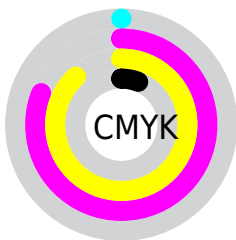
Distribution



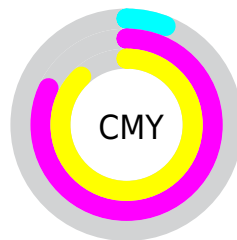
- Red (94%)
- Green (18%)
- Blue (12%)



- Red (94%)
- Yellow (18%)
- Blue (12%)



- Cyan (0%)
- Magenta (81%)
- Yellow (88%)
- Black (6%)



- Cyan (6%)
- Magenta (82%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color F02E1E 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 F02E1E by changing the saturation by 10% instead.

 F02E1E

 F02E1E

FFFFFF

 CF0003

 FF6F4F

 AE0000

 FF8C68

 8E0000

 FFAA82

 6E0000

 FFC79C

 4F0003

 FFE5B8

 310002

 FFFFD4

 000000

 FFFFF0

 F02E1E

 F02E1E

 F01806

 F04436

 F01200

 F05A4E

 F07166

 F0877E

 F09D96

 F0B3AE

 F0C9C6

 F0DFDE

 F0F6F6

Harmonies

Analogous

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



FF006B



F02E1E



C46300

Triad

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



F02E1E



009940



0081FF

Complementary

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



F02E1E



1EE0F0

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.



0095FF



F02E1E



009C92

Square

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



F02E1E



1E9200



009CDD



945BF8

Rectangle

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



F02E1E



9C7900



009CDD



0089FF

Sweetspot

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



F02E1E



FFC2BD



F01EE2



805B58



000000



808080

Same Dimension

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



F02E1E



FF1300



F0951E



786D6C



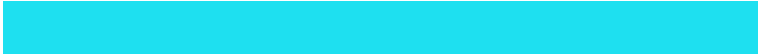
B80E00



380400

Inverse Universe

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



1EE0F0



00ECFF



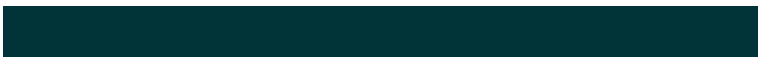
1E79F0



6C7778



00AAB8



003438

Previews

White Background



This preview shows how the Hex color F02E1E looks on a white background.

Color Contrast Check

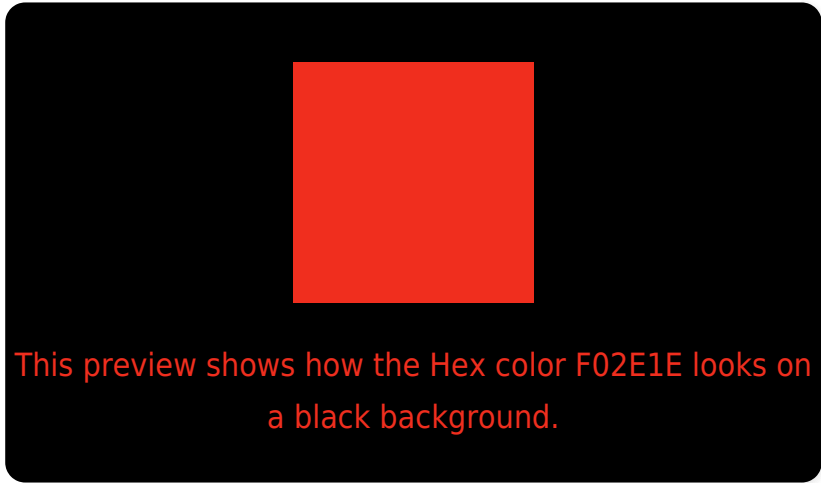
Large Text (above 18pt) WCAG AA ✓ Pass

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 F02E1E Background



This preview shows how black text looks on a background with the Hex color F02E1E.



This preview shows how white text looks on a background with the Hex color F02E1E.

Color Blindness Simulation

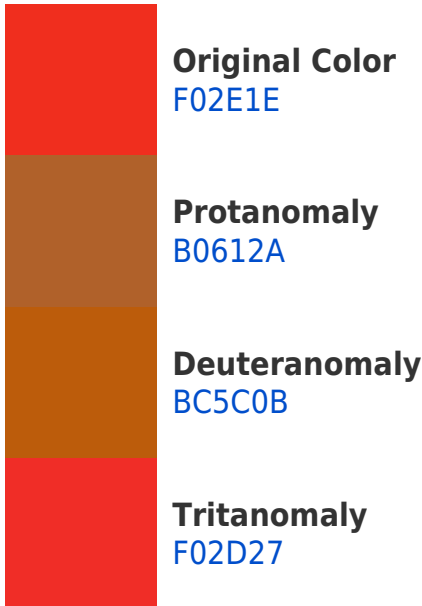
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F02E1E 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 #F02E1E looks like.

```
.text, #text, p{  
    color:#F02E1E  
}
```

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 #F02E1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F02E1E
}
```

Border

The CSS property to change the border of an element to Hex F02E1E 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".

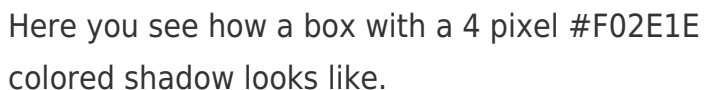
```
.border, #border, table{ border:4px solid
#F02E1E }
```

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

```
.border{ border-color:#F02E1E }
```

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

Here you see how a box with a 4 pixel #F02E1E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F02E1E; -webkit-box-shadow:4px 4px  
4px 4px #F02E1E; box-shadow:4px 4px 4px  
4px #F02E1E }
```

Background

The CSS property to change the background color of an element to Hex F02E1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F02E1E }
```

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

```
.background{ background-color:#F02E1E }
```

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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