

# Converting Colors

Hex(E43F1C)

Have a look what the booklet for  
Hex(E43F1C) contains.

|  |    |
|--|----|
| <b>Hex(E43F1C)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

**Color**

**Hex(E43F1C)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | E43F1C                      |
| RGB         | 228, 63, 28                 |
| RGB Percent | 89%, 25%, 11%               |
| CMY         | 0.1059, 0.7529, 0.8902      |
| CMYK        | 0.00, 0.72, 0.88, 0.11      |
| HSL         | 10°, 79%, 50%               |
| HSV         | 10°, 88%, 89%               |
| XYZ         | 33.9820, 20.1328, 3.1936    |
| YIQ         | 108.3450, 109.5750, 24.0950 |

# Conversions

## Conversions Part 2

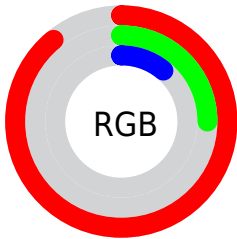
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>R<sub>YB</sub></b>               | 228, 70, 28                     |
| Decimal                             | 14958364                        |
| CIE Lab                             | 51.99, 61.83, 55.54             |
| CIE LCh                             | 52, 83.109, 41.934              |
| Yxy                                 | 20.1328, 0.5930,<br>0.3513      |
| Android<br>(android.graphics.Color) | 4293148444<br>(0xFFE43F1C)      |
| YUV                                 | 108.3450, -39.6101,<br>104.9374 |
| Hunter-Lab                          | 44.8696, 56.6651,<br>27.1888    |

# Details

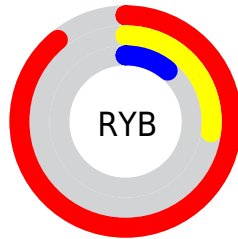
The Hex color **E43F1C** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **1CC1E4**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF794E**, and **A40000** is the 20% darker color. If you saturate the color by 10%, you get **E42C05**, and if you desaturate by 10%, it is **E45233**.

# Distribution



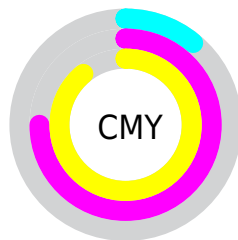
- Red (89%)
- Green (25%)
- Blue (11%)



- Red (89%)
- Yellow (27%)
- Blue (11%)



- Cyan (0%)
- Magenta (72%)
- Yellow (88%)
- Black (11%)



- Cyan (11%)
- Magenta (75%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E43F1C 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 E43F1C by changing the saturation by 10% instead.



 E43F1C

 E43F1C

FFFFFF

 C31C00

 FF794E

 A40000

 FF9567

 830000

 FFB281

 640000

 FFCF9B

 470002

 FFEDB7

 280001

 FFFFD3

 000000

 FFFFEE

 E43F1C

 E43F1C

 E42C05

 E45233

 E42800

 E4654A

 E47760

 E48A77

 E49D8E

 E4B0A5

 E4C3BC

 E4D5D2

 E4E8E9

# Harmonies

## Analogous

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



F50063



E43F1C



B96800

# Triad

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



E43F1C



00974C



007CFF

# Complementary

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



E43F1C



1CC1E4

# 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.



0090FF



E43F1C



009A98

# Square

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



E43F1C



189000



0098DB



9F58E7

# Rectangle

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



E43F1C



937B00



0098DB



0084FF



# Sweetspot

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



E43F1C



FFC8BD



E41CC3



805F58



000000



808080



# Same Dimension

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



E43F1C



FF2D00



E4A11C



736967



B31F00



330900



# Inverse Universe

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



1CC1E4



00D2FF



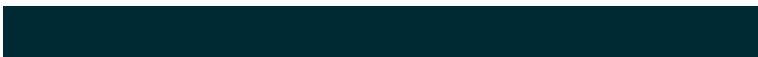
1C5FE4



677173



0093B3



002A33



# Previews

## White Background



This preview shows how the Hex color E43F1C looks on a white background.

## Color Contrast Check

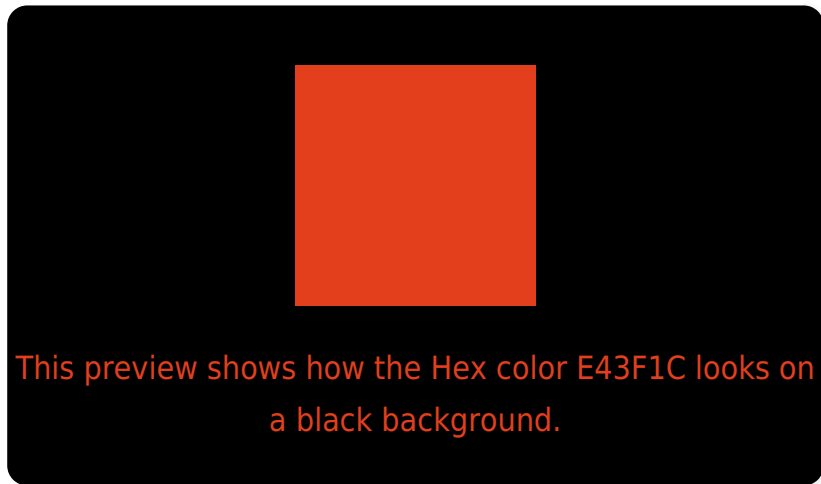
Large Text (above 18pt) WCAG AA ✓ Pass

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 E43F1C Background



This preview shows how black text looks on a background with the Hex color E43F1C.

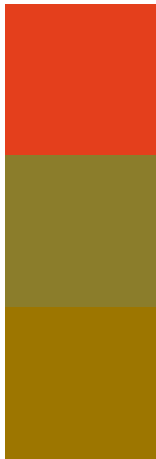


This preview shows how white text looks on a background with the Hex color E43F1C.

# 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**  
E43F1C

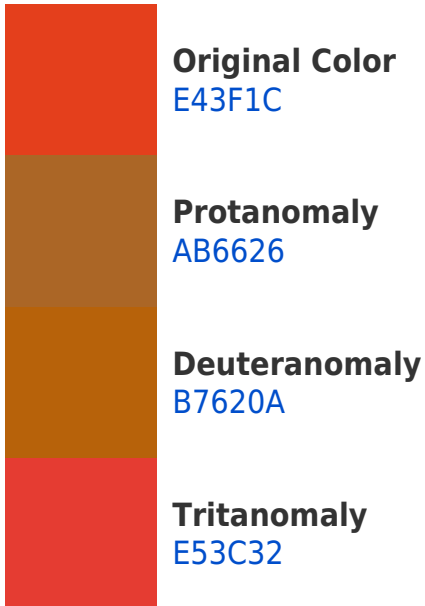
**Protanopia**  
8B7D2B

**Deuteranopia**  
9D7600

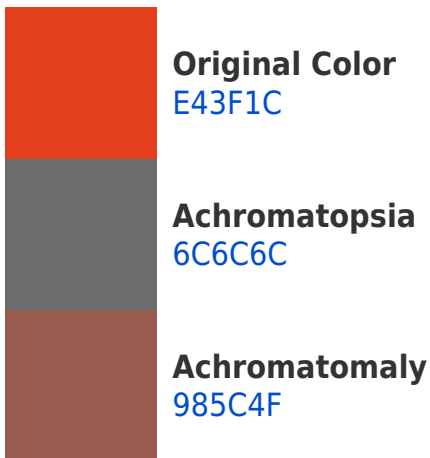


**Tritanopia**  
E53B3E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E43F1C 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 #E43F1C looks like.

```
.text, #text, p{  
    color:#E43F1C  
}
```

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 #E43F1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E43F1C
}
```

## Border

The CSS property to change the border of an element to Hex E43F1C is called "border". The border property can be set on classes, ids or directly on the HTML element.

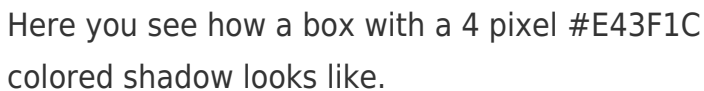
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E43F1C }
```

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

```
.border{ border-color:#E43F1C }
```

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



Here you see how a box with a 4 pixel #E43F1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E43F1C; -webkit-box-shadow:4px 4px  
4px 4px #E43F1C; box-shadow:4px 4px 4px  
4px #E43F1C }
```

# Background

The CSS property to change the background color of an element to Hex E43F1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E43F1C }
```

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

```
.background{ background-color:#E43F1C }
```

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**