

# Converting Colors

Hex(E35E1C)

Have a look what the booklet for  
Hex(E35E1C) contains.

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**Color**

**Hex(E35E1C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E35E1C
RGB	227, 94, 28
RGB Percent	89%, 37%, 11%
CMY	0.1098, 0.6314, 0.8902
CMYK	0.00, 0.59, 0.88, 0.11
HSL	20°, 78%, 50%
HSV	20°, 88%, 89%
XYZ	35.8909, 24.4201, 3.9205
YIQ	126.2430, 100.4540, 7.6700

# Conversions

## Conversions Part 2

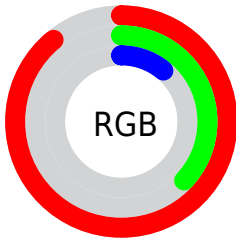
Format	Color
R <sub>Y</sub> B	227, 127, 28
Decimal	14900764
CIE Lab	56.51, 48.87, 58.97
CIE LCh	57, 76.587, 50.349
Yxy	24.4201, 0.5588, 0.3802
Android (android.graphics.Color)	4293090844 (0xFFE35E1C)
YUV	126.2430, -48.4338, 88.3639
Hunter-Lab	49.4167, 43.1634, 29.8879

# Details

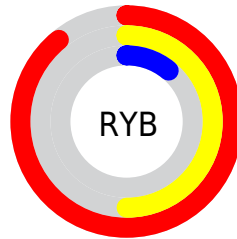
The Hex color **E35E1C** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **1CA1E3**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF9450**, and **A42700** is the 20% darker color. If you saturate the color by 10%, you get **E34F05**, and if you desaturate by 10%, it is **E36D33**.

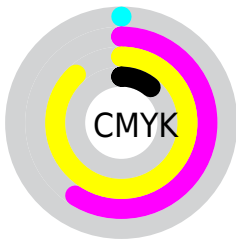
# Distribution



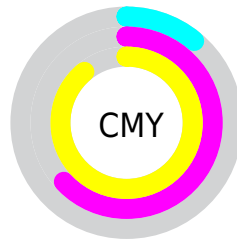
- Red (89%)
- Green (37%)
- Blue (11%)



- Red (89%)
- Yellow (50%)
- Blue (11%)



- Cyan (0%)
- Magenta (59%)
- Yellow (88%)
- Black (11%)



- Cyan (11%)
- Magenta (63%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E35E1C 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 E35E1C by changing the saturation by 10% instead.



 E35E1C

 E35E1C

FFFFFF

 C34300

 FF9450

 A42700

 FFB06A

 840100

 FFCC84

 660000

 FFE99F

 480000

 FFFFBB

 2D0002

 FFFFD7

 000000

 FFFFF4

 E35E1C

 E35E1C

 E34F05

 E36D33

 E34B00

 E37C49

 E38C60

 E39B77

 E3AA8E

 E3B9A4

 E3C8BB

 E3D7D2

 E3E7E8

# Harmonies

## Analogous

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



FA3C5E



E35E1C



B67D00

# Triad

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



E35E1C



00A36F



4A7FFF

# Complementary

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



E35E1C



1CA1E3

# 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.



0096FF



E35E1C



00A5B4

# Square

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



E35E1C



009E27



00A1EE



C15DDE

# Rectangle

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



E35E1C



8F8C00



00A1EE



0088FF



# Sweetspot

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



E35E1C



FFD3BD



E31CA4



806558



000000



808080



# Same Dimension

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



E35E1C



FF5500



E3BF1C



736B67



B33B00



331100

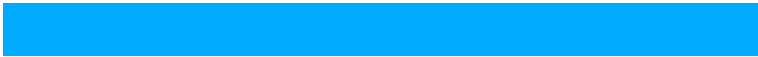


# Inverse Universe

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



1CA1E3



00AAFF



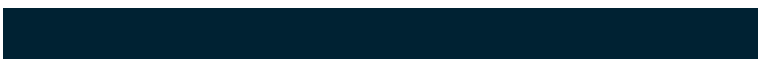
1C40E3



676F73



0077B3



002233



# Previews

## White Background



This preview shows how the Hex color E35E1C looks on a white background.

## Color Contrast Check

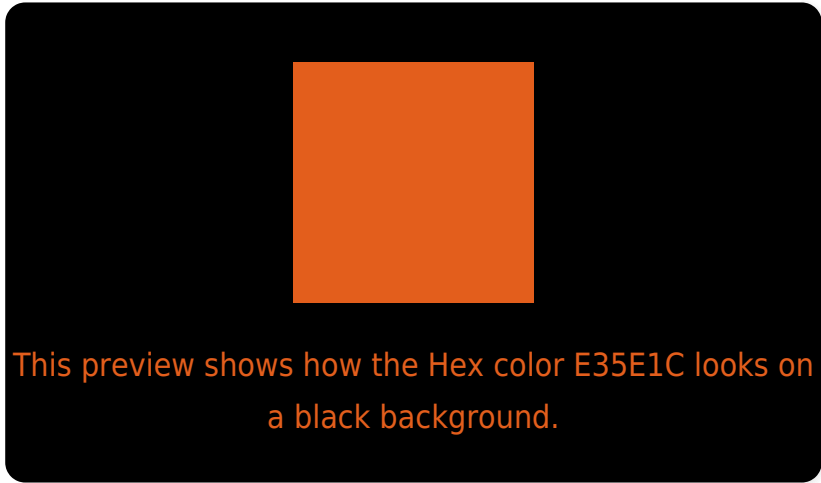
Large Text (above 18pt) WCAG AA ✓ Pass

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 E35E1C Background



This preview shows how black text looks on a background with the Hex color E35E1C.



This preview shows how white text looks on a background with the Hex color E35E1C.

# 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**  
E35E1C

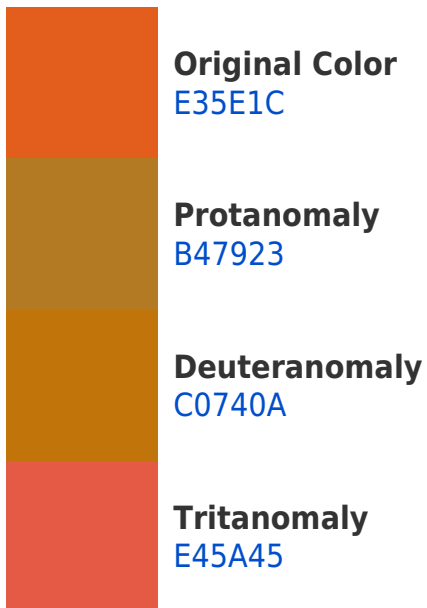
**Protanopia**  
998827

**Deuteranopia**  
AC8100



**Tritanopia**  
E5585D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E35E1C 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 #E35E1C looks like.

```
.text, #text, p{  
  color:#E35E1C  
}
```

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 #E35E1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E35E1C
}
```

## Border

The CSS property to change the border of an element to Hex E35E1C is called "border". The border property can be set on classes, ids or directly on the HTML element.

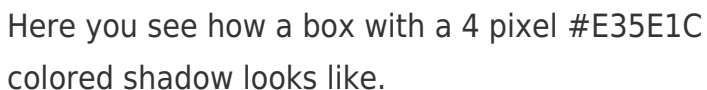
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E35E1C }
```

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

```
.border{ border-color:#E35E1C }
```

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



Here you see how a box with a 4 pixel #E35E1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E35E1C; -webkit-box-shadow:4px 4px  
4px 4px #E35E1C; box-shadow:4px 4px 4px  
4px #E35E1C }
```

# Background

The CSS property to change the background color of an element to Hex E35E1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E35E1C }
```

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

```
.background{ background-color:#E35E1C }
```

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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