

# Converting Colors

Hex(E35B1E)

Have a look what the booklet for  
Hex(E35B1E) contains.

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**Color**

**Hex(E35B1E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E35B1E
RGB	227, 91, 30
RGB Percent	89%, 36%, 12%
CMY	0.1098, 0.6431, 0.8824
CMYK	0.00, 0.60, 0.87, 0.11
HSL	19°, 78%, 50%
HSV	19°, 87%, 89%
XYZ	35.6540, 23.9068, 3.9636
YIQ	124.7100, 100.6370, 9.8610

# Conversions

## Conversions Part 2

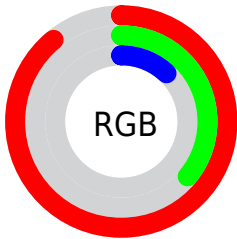
<b>Format</b>	<b>Color</b>
<b>RYB</b>	227, 118, 30
Decimal	14899998
CIELab	55.99, 50.28, 57.84
CIELCh	56, 76.643, 49.002
Yxy	23.9068, 0.5613, 0.3763
Android (android.graphics.Color)	4293090078 (0xFFE35B1E)
YUV	124.7100, -46.6920, 89.7083
Hunter-Lab	48.8946, 44.5969, 29.4199

# Details

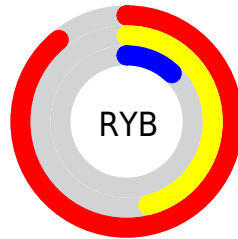
The Hex color **E35B1E** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **1EA6E3**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF9151**, and **A42300** is the 20% darker color. If you saturate the color by 10%, you get **E34B07**, and if you desaturate by 10%, it is **E36B35**.

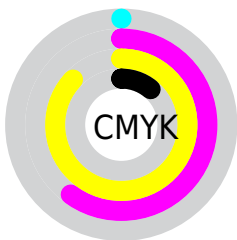
# Distribution



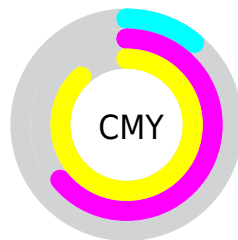
- Red (89%)
- Green (36%)
- Blue (12%)



- Red (89%)
- Yellow (46%)
- Blue (12%)



- Cyan (0%)
- Magenta (60%)
- Yellow (87%)
- Black (11%)



- Cyan (11%)
- Magenta (64%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E35B1E 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 E35B1E by changing the saturation by 10% instead.



 E35B1E

 E35B1E

FFFFFF

 C34000

 FF9151

 A42300

 FFAD6B

 840000

 FFC985

 660000

 FFE6A0

 480000

 FFFFBC

 2D0001

 FFFFD8

 000000

 FFFFF5

 E35B1E

 E35B1E

 E34B07

 E36B35

 E34600

 E37A4B

 E38A62

 E39A79

 E3A990

 E3B9A6

 E3C9BD

 E3D8D4

 E3E8EA

# Harmonies

## Analogous

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



F9395F



E35B1E



B67A00

# Triad

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



E35B1E



00A26B



3C7FFF

# Complementary

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



E35B1E



1EA6E3

# 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



E35B1E



00A3B0

# Square

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



E35B1E



069C22



00A0EA



BC5EDF

# Rectangle

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



E35B1E



908A00



00A0EA



0088FF



# Sweetspot

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



E35B1E



FFD1BD



E31EA8



806458



000000



808080



# Same Dimension

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



E35B1E



FF4F00



E3BC1E



736B67



B33700



331000



# Inverse Universe

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



1EA6E3



00B0FF



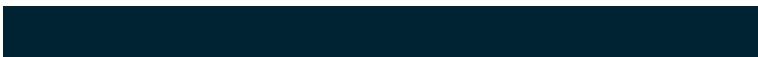
1E45E3



676F73



007BB3



002333



# Previews

## White Background



This preview shows how the Hex color E35B1E looks on a white background.

## Color Contrast Check

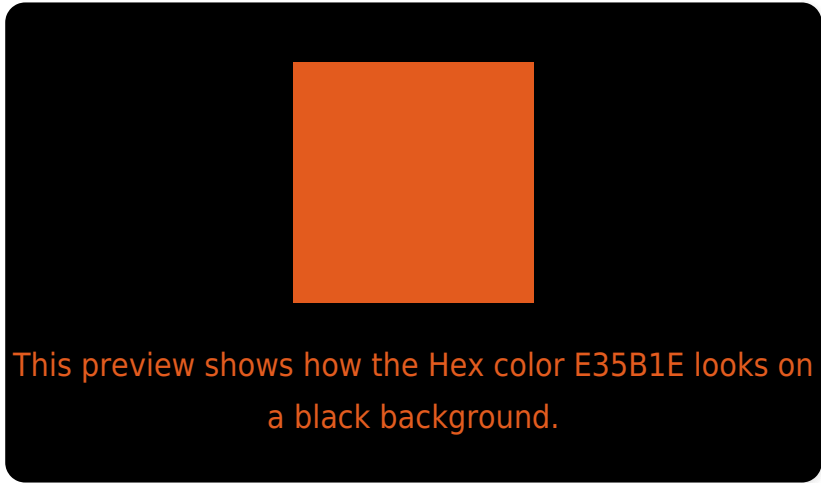
Large Text (above 18pt) WCAG AA ✓ Pass

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 E35B1E Background



This preview shows how black text looks on a background with the Hex color E35B1E.



This preview shows how white text looks on a background with the Hex color E35B1E.

# 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



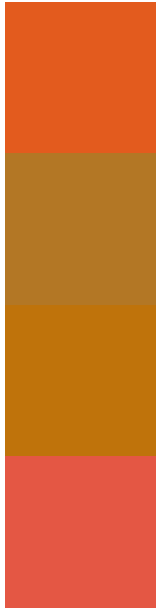
**Original Color**  
E35B1E

**Protanopia**  
978729

**Deuteranopia**  
AA8000



# Trichromacy



**Original Color**  
E35B1E

**Protanomaly**  
B37725

**Deuteranomaly**  
BF730B

**Tritanomaly**  
E45744

# Monochromacy



**Original Color**  
E35B1E

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
A2715A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E35B1E 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 #E35B1E looks like.

```
.text, #text, p{  
    color:#E35B1E  
}
```

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 #E35B1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E35B1E
}
```

## Border

The CSS property to change the border of an element to Hex E35B1E 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
#E35B1E }
```

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

```
.border{ border-color:#E35B1E }
```

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

Here you see how a box with a 4 pixel #E35B1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E35B1E; -webkit-box-shadow:4px 4px  
4px 4px #E35B1E; box-shadow:4px 4px 4px  
4px #E35B1E }
```

# Background

The CSS property to change the background color of an element to Hex E35B1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E35B1E }
```

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

```
.background{ background-color:#E35B1E }
```

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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