

# Converting Colors

Hex(E35F0A)

Have a look what the booklet for  
Hex(E35F0A) contains.

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# Color

Hex(E35F0A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E35F0A
RGB	227, 95, 10
RGB Percent	89%, 37%, 4%
CMY	0.1098, 0.6275, 0.9608
CMYK	0.00, 0.58, 0.96, 0.11
HSL	24°, 92%, 46%
HSV	24°, 96%, 89%
XYZ	35.8255, 24.5372, 3.1351
YIQ	124.7780, 105.9570, 1.5490

# Conversions

## Conversions Part 2

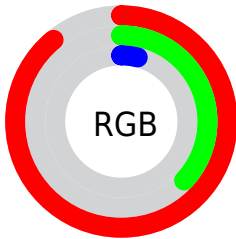
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	227, 150, 10
Decimal	14901002
CIE <sub>Lab</sub>	56.62, 48.15, 63.91
CIE <sub>LCh</sub>	57, 80.020, 53.003
Yxy	24.5372, 0.5642, 0.3864
Android (android.graphics.Color)	4293091082 (0xFFE35F0A)
YUV	124.7780, -56.5856, 89.6487
Hunter-Lab	49.5351, 42.4113, 30.9220

# Details

The Hex color **E35F0A** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed red. A complement of this color would be **0A8EE3**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF9546**, and **A42900** is the 20% darker color. If you saturate the color by 10%, you get **E35900**, and if you desaturate by 10%, it is **E36D21**.

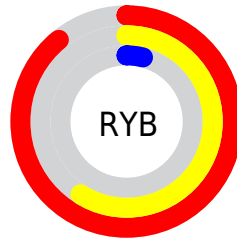
# Distribution



Red (89%)

Green (37%)

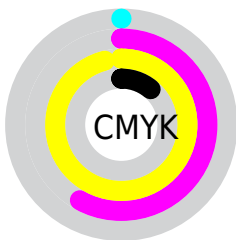
Blue (4%)



Red (89%)

Yellow (59%)

Blue (4%)

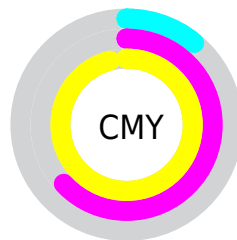


Cyan (0%)

Magenta (58%)

Yellow (96%)

Black (11%)



Cyan (11%)

Magenta (63%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E35F0A 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 E35F0A by changing the saturation by 10% instead.



 E35F0A

 E35F0A

FFFFFF

 C34400

 FF9546

 A42900

 FFB160

 840400

 FFCD7A

 660000

 FFEA95

 480000

 FFFFB1

 2D0002

 FFFFCD

 000000

 FFFFEA

 E35F0A

 E35F0A

 E35900

 E36D21

 E37B37

 E3884E

 E39665

 E3A47B

 E3B292

 E3C0A9

 E3CDC0

 E3DBD6

# Harmonies

## Analogous

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



FE3856



E35F0A



B27F00

# Triad

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



E35F0A



00A575



577DFF

# Complementary

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



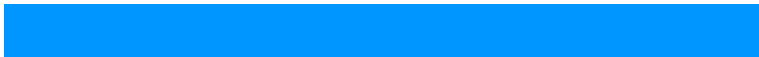
E35F0A



0A8EE3

# 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



E35F0A



00A6BD

# Square

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



E35F0A



009F29



00A2F7



CA57DD

# Rectangle

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



E35F0A



898E00



00A2F7



0087FF



# Sweetspot

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



E35F0A



FFD2B5



E30A90



806453



000000



808080



# Same Dimension

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



E35F0A



FF6400



E3CA0A



736C67



B34600



331400



# Inverse Universe

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



0A8EE3



009BFF



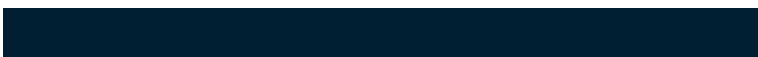
0A23E3



676E73



006DB3



001F33



# Previews

## White Background



This preview shows how the Hex color E35F0A looks on a white background.

## Color Contrast Check

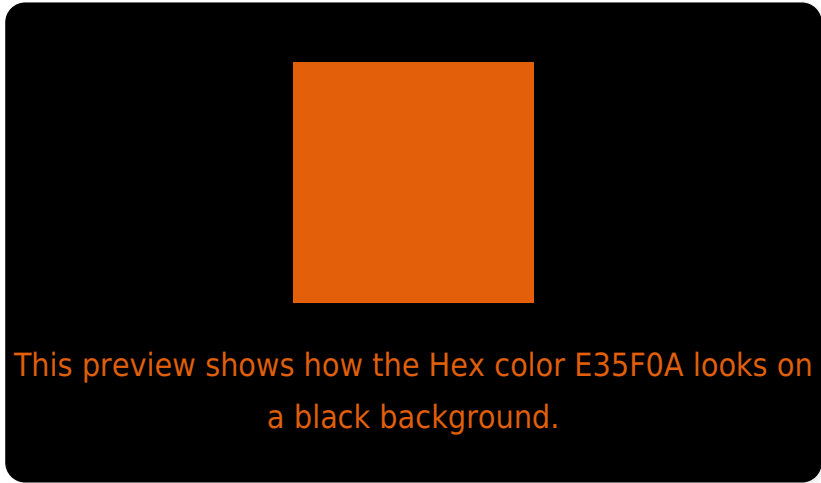
Large Text (above 18pt) WCAG AA ✓ Pass

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 E35F0A Background



This preview shows how black text looks on a background with the Hex color E35F0A.



This preview shows how white text looks on a background with the Hex color E35F0A.

# 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**  
E35F0A

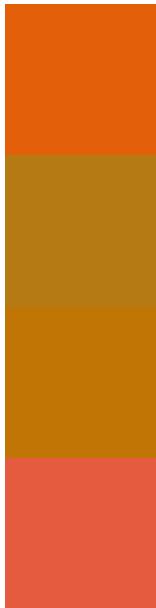
**Protanopia**  
9A8918

**Deuteranopia**  
AC8100



**Tritanopia**  
E5585E

# Trichromacy



**Original Color**  
E35F0A

**Protanomaly**  
B57A13

**Deuteranomaly**  
C07504

**Tritanomaly**  
E45B3F

# Monochromacy



**Original Color**  
E35F0A

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
A27253

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E35F0A 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 #E35F0A looks like.

```
.text, #text, p{  
    color:#E35F0A  
}
```

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 #E35F0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E35F0A
}
```

## Border

The CSS property to change the border of an element to Hex E35F0A 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
#E35F0A }
```

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

```
.border{ border-color:#E35F0A }
```

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

Here you see how a box with a 4 pixel #E35F0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E35F0A; -webkit-box-shadow:4px 4px  
4px 4px #E35F0A; box-shadow:4px 4px 4px  
4px #E35F0A }
```

# Background

The CSS property to change the background color of an element to Hex E35F0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E35F0A }
```

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

```
.background{ background-color:#E35F0A }
```

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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