

# Converting Colors

Hex(ED3B0C)

Have a look what the booklet for  
Hex(ED3B0C) contains.

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**Color**

**Hex(ED3B0C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ED3B0C
RGB	237, 59, 12
RGB Percent	93%, 23%, 5%
CMY	0.0706, 0.7686, 0.9529
CMYK	0.00, 0.75, 0.95, 0.07
HSL	13°, 90%, 49%
HSV	13°, 95%, 93%
XYZ	36.5554, 21.1590, 2.5052
YIQ	106.8640, 121.1750, 23.1190

# Conversions

## Conversions Part 2

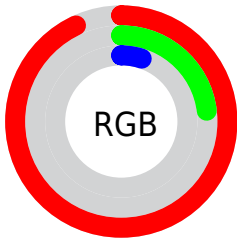
Format	Color
<a href="#">RYB</a>	<a href="#">237, 71, 12</a>
Decimal	<a href="#">15547148</a>
CIELab	<a href="#">53.12, 65.67, 62.29</a>
CIElCh	<a href="#">53, 90.515, 43.488</a>
Yxy	<a href="#">21.1590, 0.6070, 0.3514</a>
Android (android.graphics.Color)	<a href="#">4293737228 (0xFFED3B0C)</a>
YUV	<a href="#">106.8640, -46.7680, 114.1293</a>
Hunter-Lab	<a href="#">45.9989, 61.3560, 28.9701</a>

# Details

The Hex color **ED3B0C** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **0CBEEED**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF7743**, and **AB0000** is the 20% darker color. If you saturate the color by 10%, you get **ED3200**, and if you desaturate by 10%, it is **ED4E24**.

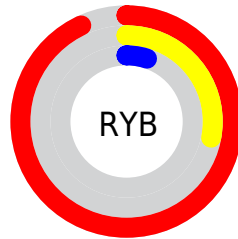
# Distribution



Red (93%)

Green (23%)

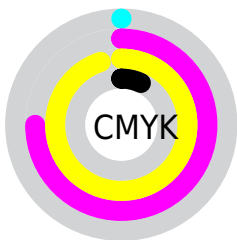
Blue (5%)



Red (93%)

Yellow (28%)

Blue (5%)

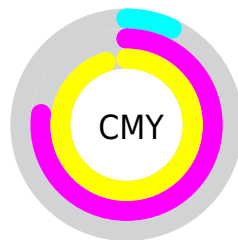


Cyan (0%)

Magenta (75%)

Yellow (95%)

Black (7%)



Cyan (7%)

Magenta (77%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED3B0C 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 ED3B0C by changing the saturation by 10% instead.



 ED3B0C

 ED3B0C

FFFFFF

 CC1200

 FF7743

 AB0000

 FF945C

 8B0000

 FFB176

 6B0000

 FFCE91

 4D0002

 FFECAC

 2F0002

 FFFFC8

 000000

 FFFF E5

 ED3B0C

 ED3B0C

■ ED3200

■ ED4E24

■ ED603B

■ ED7353

■ ED866B

■ ED9983

■ EDAB9A

■ EDBEB2

■ EDD1CA

■ EDE4E1

# Harmonies

## Analogous

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



FF0060



ED3B0C



BD6B00

# Triad

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



ED3B0C



009C4F



007EFF

# Complementary

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



ED3B0C



0CBEEB

# 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.



0094FF



ED3B0C



009FA1

# Square

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



ED3B0C



009500



009DEA



A954F2

# Rectangle

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



ED3B0C



937F00



009DEA



0087FF



# Sweetspot

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



ED3B0C



FFC7B8



ED0CC0



805D54



000000



808080



# Same Dimension

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



ED3B0C



FF3500



EDA90C



756C6A



B52600



360B00

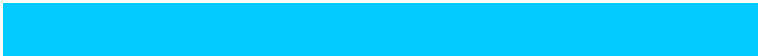


# Inverse Universe

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



0CBEED



00CAFF



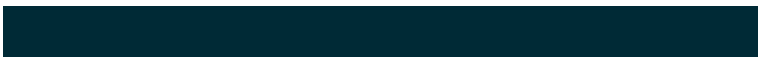
0C4FED



6A7375



008FB5



002A36



# Previews

## White Background



This preview shows how the Hex color ED3B0C looks on a white background.

## Color Contrast Check

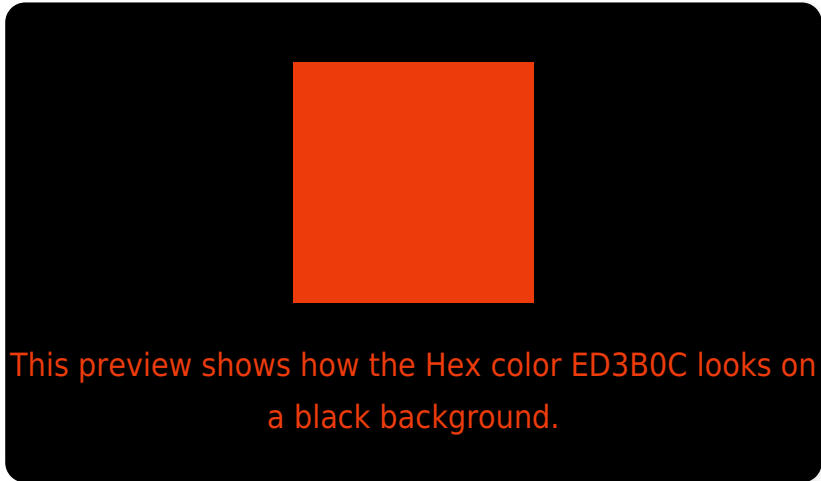
Large Text (above 18pt) WCAG AA ✓ Pass

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 ED3B0C Background



This preview shows how black text looks on a background with the Hex color ED3B0C.



This preview shows how white text looks on a background with the Hex color ED3B0C.

# 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



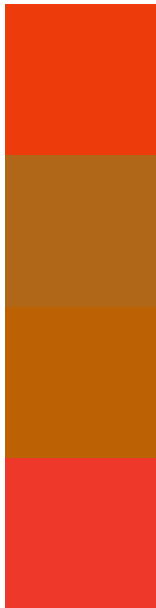
**Original Color**  
ED3B0C

**Protanopia**  
8F801F

**Deuteranopia**  
A17900



# Trichromacy



**Original Color**  
ED3B0C

**Protanomaly**  
B16718

**Deuteranomaly**  
BD6204

**Tritanomaly**  
EE3829

# Monochromacy



**Original Color**  
ED3B0C

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
9A5A48

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED3B0C 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 #ED3B0C looks like.

```
.text, #text, p{  
    color:#ED3B0C  
}
```

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 #ED3B0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED3B0C
}
```

## Border

The CSS property to change the border of an element to Hex ED3B0C 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
#ED3B0C }
```

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

```
.border{ border-color:#ED3B0C }
```

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

Here you see how a box with a 4 pixel #ED3B0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED3B0C; -webkit-box-shadow:4px 4px  
4px 4px #ED3B0C; box-shadow:4px 4px 4px  
4px #ED3B0C }
```

# Background

The CSS property to change the background color of an element to Hex ED3B0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED3B0C }
```

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

```
.background{ background-color:#ED3B0C }
```

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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