

# Converting Colors

Hex(ED7B1A)

Have a look what the booklet for  
Hex(ED7B1A) contains.

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# **Color**

**Hex(ED7B1A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ED7B1A
RGB	237, 123, 26
RGB Percent	93%, 48%, 10%
CMY	0.0706, 0.5176, 0.8980
CMYK	0.00, 0.48, 0.89, 0.07
HSL	28°, 85%, 52%
HSV	28°, 89%, 93%
XYZ	42.1945, 32.2450, 4.9773
YIQ	146.0280, 99.0810, -5.9990

# Conversions

## Conversions Part 2

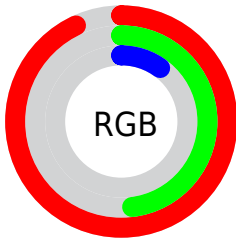
Format	Color
R <sub>Y</sub> B	237, 206, 26
Decimal	15563546
CIE Lab	63.54, 38.56, 65.64
CIE LCh	64, 76.123, 59.567
Yxy	32.2450, 0.5313, 0.4060
Android (android.graphics.Color)	4293753626 (0xFFED7B1A)
YUV	146.0280, -59.1738, 79.7824
Hunter-Lab	56.7847, 33.2631, 34.5524

# Details

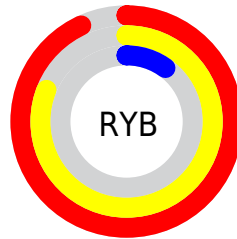
The Hex color **ED7B1A** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **1A8CED**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FFB153**, and **AE4800** is the 20% darker color. If you saturate the color by 10%, you get **ED6E02**, and if you desaturate by 10%, it is **ED8832**.

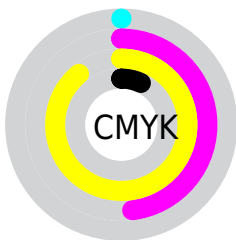
# Distribution



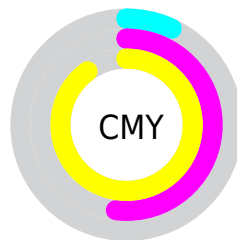
- Red (93%)
- Green (48%)
- Blue (10%)



- Red (93%)
- Yellow (81%)
- Blue (10%)



- Cyan (0%)
- Magenta (48%)
- Yellow (89%)
- Black (7%)



- Cyan (7%)
- Magenta (52%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED7B1A 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 ED7B1A by changing the saturation by 10% instead.



ED7B1A

ED7B1A

FFFFFF

CD6100

FFB153

AE4800

FFCD6D

8F2F00

FFE988

711400

FFFFA4

530000

FFFFC0

380000

FFFFDD

170000

FFFFFA

000000

ED7B1A

ED7B1A

 ED6E02

 ED8832

 ED6D00

 ED9549

 EDA161

 EDAE79

 EDBB91

 EDC8A8

 EDD5C0

 EDE1D8

 EDEEEF

# Harmonies

## Analogous

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



FF5C5B



ED7B1A



B99700

# Triad

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



ED7B1A



00B897



9388FF

# Complementary

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



ED7B1A



1A8CED

# 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.



00A3FF



ED7B1A



00B8DB

# Square

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



ED7B1A



00B350



00B2FF



E966E0

# Rectangle

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



ED7B1A



8FA400



00B2FF



6092FF



# Sweetspot

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



ED7B1A



FFDABA



ED1A8E



806957



000000



808080



# Same Dimension

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



ED7B1A



FF7500



EDE21A



756F6A



B55300



361900

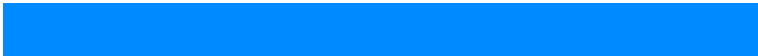


# Inverse Universe

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



1A8CED



008AFF



1A25ED



6A7075



0062B5



001D36



# Previews

## White Background



This preview shows how the Hex color ED7B1A looks on a white background.

## Color Contrast Check

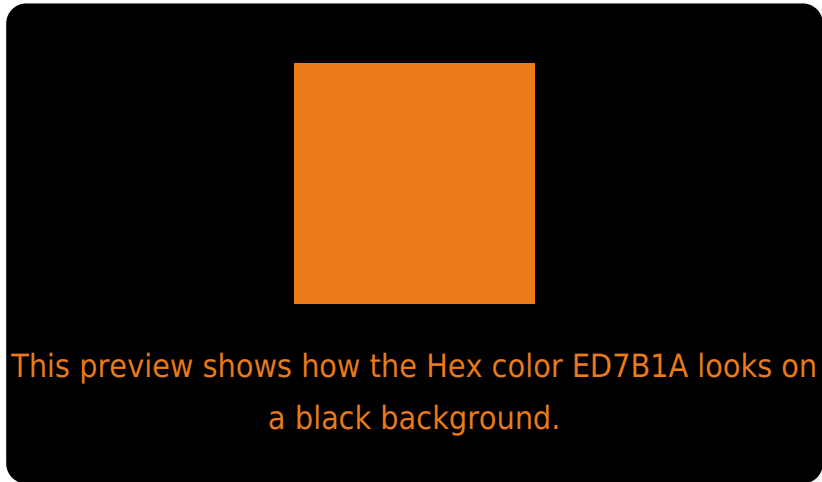
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex ED7B1A Background



This preview shows how black text looks on a background with the Hex color ED7B1A.

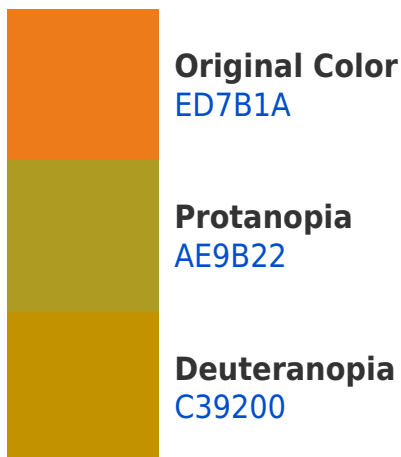


This preview shows how white text looks on a background with the Hex color ED7B1A.

# 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](#).

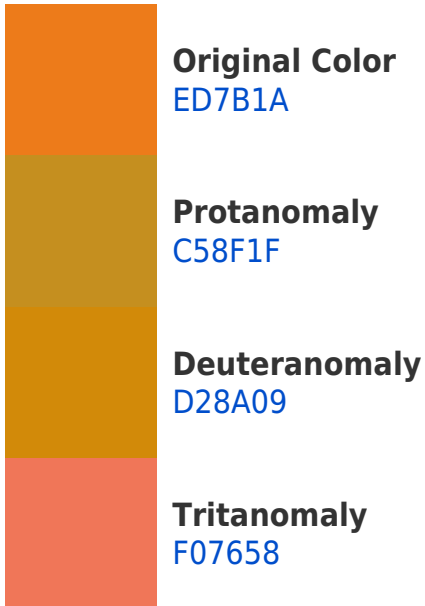
## Dichromacy





**Tritanopia**  
F1737B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED7B1A 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 #ED7B1A looks like.

```
.text, #text, p{  
    color:#ED7B1A  
}
```

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 #ED7B1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED7B1A
}
```

## Border

The CSS property to change the border of an element to Hex ED7B1A 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
#ED7B1A }
```

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

```
.border{ border-color:#ED7B1A }
```

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

Here you see how a box with a 4 pixel #ED7B1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED7B1A; -webkit-box-shadow:4px 4px  
4px 4px #ED7B1A; box-shadow:4px 4px 4px  
4px #ED7B1A }
```

# Background

The CSS property to change the background color of an element to Hex ED7B1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED7B1A }
```

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

```
.background{ background-color:#ED7B1A }
```

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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