

Converting Colors

Hex(ED7712)

Have a look what the booklet for
Hex(ED7712) contains.

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Color

Hex(ED7712)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | ED7712 |
| RGB | 237, 119, 18 |
| RGB Percent | 93%, 47%, 7% |
| CMY | 0.0706, 0.5333, 0.9294 |
| CMYK | 0.00, 0.50, 0.92, 0.07 |
| HSL | 28°, 86%, 50% |
| HSV | 28°, 92%, 93% |
| XYZ | 41.6311, 31.2418, 4.4083 |
| YIQ | 142.7680, 102.7490, -6.3950 |

Conversions

Conversions Part 2

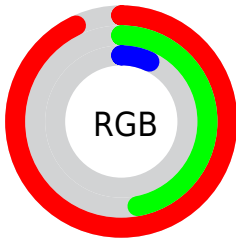
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 237, 205, 18 |
| Decimal | 15562514 |
| CIE Lab | 62.71, 40.45, 67.03 |
| CIE LCh | 63, 78.291, 58.894 |
| Yxy | 31.2418, 0.5387, 0.4043 |
| Android (android.graphics.Color) | 4293752594 (0xFFED7712) |
| YUV | 142.7680, -61.5106, 82.6415 |
| Hunter-Lab | 55.8944, 35.1345, 34.4499 |

Details

The Hex color **ED7712** 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 **1288ED**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FFAD4D**, and **AE4400** is the 20% darker color. If you saturate the color by 10%, you get **ED6D00**, and if you desaturate by 10%, it is **ED842A**.

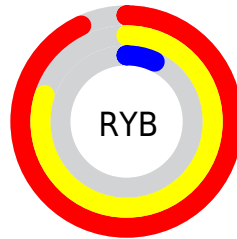
Distribution



Red (93%)

Green (47%)

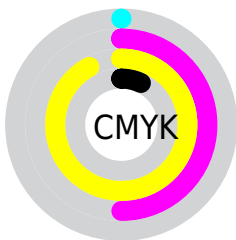
Blue (7%)



Red (93%)

Yellow (80%)

Blue (7%)

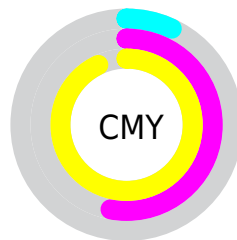


Cyan (0%)

Magenta (50%)

Yellow (92%)

Black (7%)



Cyan (7%)

Magenta (53%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color ED7712 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 ED7712 by changing the saturation by 10% instead.

ED7712

ED7712

FFFFFF

CD5D00

FFAD4D

AE4400

FFC968

8F2A00

FFE583

700D00

FFFF9F

530000

FFFFBB

380000

FFFFD7

140000

FFFFF4

000000

ED7712

ED7712

ED6D00

ED842A

ED9141

ED9D59

EDAA71

EDB788

EDC4A0

EDD0B8

EDDDDD

EDEAE7

Harmonies

Analogous

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



FF5559



ED7712



B89400

Triad

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



ED7712



00B693



8C86FF

Complementary

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



ED7712



1288ED

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.



00A1FF



ED7712



00B6D9

Square

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



ED7712



00B14A



00B0FF



E762E1

Rectangle

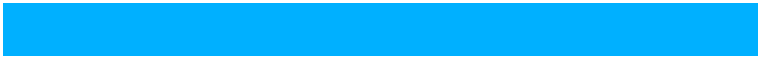
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



ED7712



8DA200



00B0FF



5491FF

Sweetspot

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



ED7712



FFD9B8



ED128A



806854



000000



808080

Same Dimension

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



ED7712



FF7600



EDE212



756F6A



B55300



361900

Inverse Universe

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



1288ED



0089FF



121DED



6A7075



0062B5



001D36

Previews

White Background



This preview shows how the Hex color ED7712 looks on a white background.

Color Contrast Check

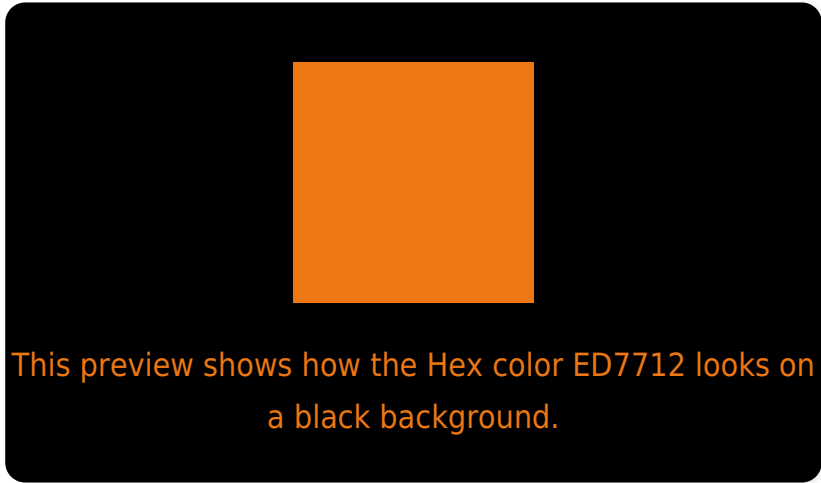
Large Text (above 18pt) WCAG AA × Fail

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 ED7712 Background



This preview shows how black text looks on a background with the Hex color ED7712.

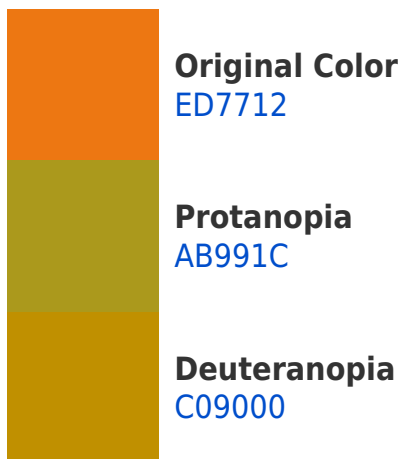


This preview shows how white text looks on a background with the Hex color ED7712.

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
F16F76

Trichromacy



Original Color
ED7712

Protanomaly
C38D18

Deuteranomaly
D08707

Tritanomaly
F07252

Monochromacy



Original Color
ED7712

Achromatopsia
8F8F8F

Achromatomaly
B18662

CSS Examples

Text

The CSS property to change the color of the text to Hex ED7712 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 #ED7712 looks like.

```
.text, #text, p{  
    color:#ED7712  
}
```

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 #ED7712 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED7712
}
```

Border

The CSS property to change the border of an element to Hex ED7712 is called "border". The border property can be set on classes, ids or directly on the HTML element.

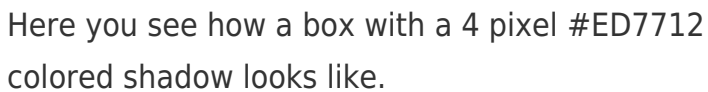
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#ED7712 }
```

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

```
.border{ border-color:#ED7712 }
```

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



Here you see how a box with a 4 pixel #ED7712 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED7712; -webkit-box-shadow:4px 4px  
4px 4px #ED7712; box-shadow:4px 4px 4px  
4px #ED7712 }
```

Background

The CSS property to change the background color of an element to Hex ED7712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED7712 }
```

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

```
.background{ background-color:#ED7712 }
```

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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