

Converting Colors

Hex(ED7F10)

Have a look what the booklet for
Hex(ED7F10) contains.

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Color

Hex(ED7F10)

Conversions

Conversions Part 1

Format	Color
Hex	ED7F10
RGB	237, 127, 16
RGB Percent	93%, 50%, 6%
CMY	0.0706, 0.5020, 0.9373
CMYK	0.00, 0.46, 0.93, 0.07
HSL	30°, 87%, 50%
HSV	30°, 93%, 93%
XYZ	42.6080, 33.2207, 4.6568
YIQ	147.2360, 101.1910, -11.2010

Conversions

Conversions Part 2

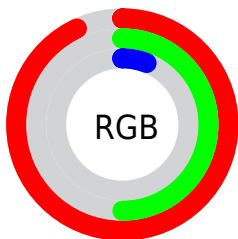
Format	Color
R_{YB}	235, 237, 16
Decimal	15564560
CIE _{Lab}	64.34, 36.38, 68.57
CIE _{LCh}	64, 77.625, 62.055
Yxy	33.2207, 0.5294, 0.4128
Android (android.graphics.Color)	4293754640 (0xFFED7F10)
YUV	147.2360, -64.6993, 78.7230
Hunter-Lab	57.6374, 31.0892, 35.5559

Details

The Hex color **ED7F10** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **107EED**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFB54E**, and **AE4C00** is the 20% darker color. If you saturate the color by 10%, you get **ED7700**, and if you desaturate by 10%, it is **ED8B28**.

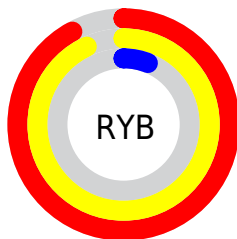
Distribution



Red (93%)

Green (50%)

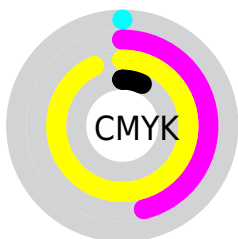
Blue (6%)



Red (92%)

Yellow (93%)

Blue (6%)

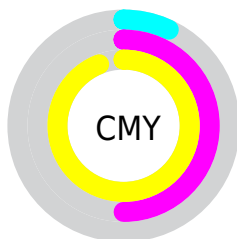


Cyan (0%)

Magenta (46%)

Yellow (93%)

Black (7%)



Cyan (7%)

Magenta (50%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color ED7F10 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 ED7F10 by changing the saturation by 10% instead.

ED7F10

ED7F10

FFFFFF

CD6500

FFB54E

AE4C00

FFD169

8F3300

FFED84

711A00

FFFF9F

530000

FFFFBC

380000

FFFFD8

190001

FFFFF5

000000

ED7F10

ED7F10

ED7700

ED8B28

ED973F

EDA257

EDAE6F

EDBA86

EDC69E

EDD2B6

EDDDCE

EDE9E5

Harmonies

Analogous

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



FF5E57



ED7F10



B79B00

Triad

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



ED7F10



00BB9F



9E87FF

Complementary

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



ED7F10



107EED

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



ED7F10



00BAE4

Square

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



ED7F10



00B757



00B4FF



F264DE

Rectangle

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



ED7F10



8AA800



00B4FF



7092FF

Sweetspot

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



ED7F10



FFDBB8



ED107E



806A54



000000



808080

Same Dimension

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



ED7F10



FF8000



EDED10



756F6A



B55B00



361B00

Inverse Universe

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



107EED



007FFF



1010ED



6A6F75



005AB5



001B36

Previews

White Background



This preview shows how the Hex color ED7F10 looks on a white background.

Color Contrast Check

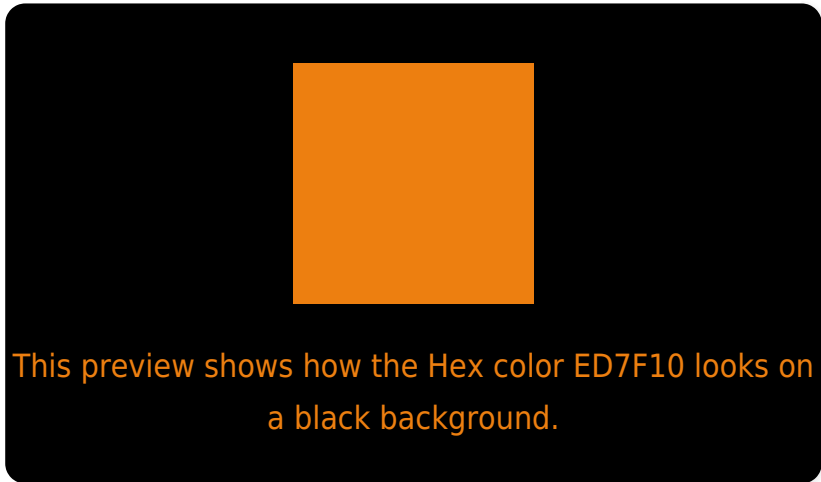
Large Text (above 18pt) WCAG AA × Fail

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 ED7F10 Background



This preview shows how black text looks on a background with the Hex color ED7F10.



This preview shows how white text looks on a background with the Hex color ED7F10.

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
ED7F10

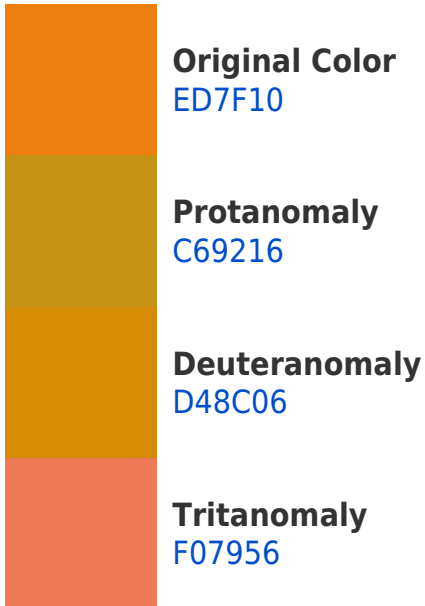
Protanopia
B09D1A

Deuteranopia
C69400



Tritanopia
F1767E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ED7F10 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 #ED7F10 looks like.

```
.text, #text, p{  
    color:#ED7F10  
}
```

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 #ED7F10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED7F10
}
```

Border

The CSS property to change the border of an element to Hex ED7F10 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
#ED7F10 }
```

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

```
.border{ border-color:#ED7F10 }
```

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

Here you see how a box with a 4 pixel #ED7F10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED7F10; -webkit-box-shadow:4px 4px  
4px 4px #ED7F10; box-shadow:4px 4px 4px  
4px #ED7F10 }
```

Background

The CSS property to change the background color of an element to Hex ED7F10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED7F10 }
```

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

```
.background{ background-color:#ED7F10 }
```

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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