

# Converting Colors

Hex(ED7A07)

Have a look what the booklet for  
Hex(ED7A07) contains.

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**Color**

**Hex(ED7A07)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ED7A07
RGB	237, 122, 7
RGB Percent	93%, 48%, 3%
CMY	0.0706, 0.5216, 0.9725
CMYK	0.00, 0.49, 0.97, 0.07
HSL	30°, 94%, 48%
HSV	30°, 97%, 93%
XYZ	41.9229, 31.9389, 4.1563
YIQ	143.2750, 105.4550, -11.3850

# Conversions

## Conversions Part 2

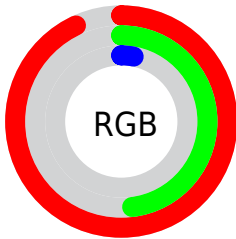
Format	Color
<a href="#">RYB</a>	<a href="#">237, 237, 7</a>
Decimal	<a href="#">15563271</a>
CIELab	<a href="#">63.29, 38.83, 69.37</a>
CIElCh	<a href="#">63, 79.497, 60.764</a>
Yxy	<a href="#">31.9389, 0.5373, 0.4094</a>
Android (android.graphics.Color)	<a href="#">4293753351 (0xFFED7A07)</a>
YUV	<a href="#">143.2750, -67.1836, 82.1968</a>
Hunter-Lab	<a href="#">56.5145, 33.5123, 35.1998</a>

# Details

The Hex color **ED7A07** 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 **077AED**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FFB049**, and **AE4700** is the 20% darker color. If you saturate the color by 10%, you get **ED7600**, and if you desaturate by 10%, it is **ED861F**.

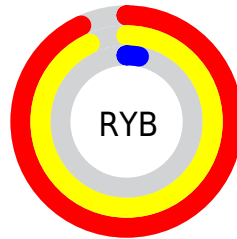
# Distribution



Red (93%)

Green (48%)

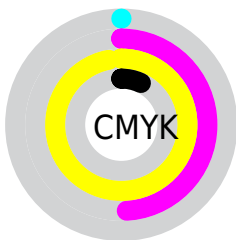
Blue (3%)



Red (93%)

Yellow (93%)

Blue (3%)

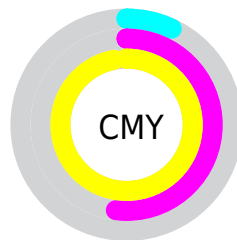


Cyan (0%)

Magenta (49%)

Yellow (97%)

Black (7%)



Cyan (7%)

Magenta (52%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED7A07 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 ED7A07 by changing the saturation by 10% instead.



 ED7A07

 ED7A07

FFFFFF

 CD6000

 FFB049

 AE4700

 FFCC64

 8F2E00

 FFE880

 701300

 FFFF9B

 530000

 FFFFB7

 380000

 FFFFD4

 160000

 FFFFF1

 000000

 ED7A07

 ED7A07

ED7600

ED861F

ED9236

ED9E4E

EDA966

EDB57E

EDC195

EDCDAD

EDD9C5

EDE5DC

# Harmonies

## Analogous

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



FF5755



ED7A07



B79700

# Triad

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



ED7A07



00B899



9585FF

# Complementary

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



ED7A07



077AED

# 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.



00A2FF



ED7A07



00B8E0

# Square

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



ED7A07



00B44F



00B2FF



EE60E0

# Rectangle

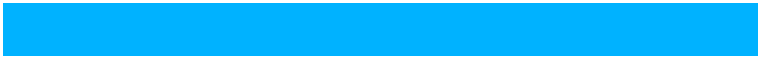
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



ED7A07



8AA400



00B2FF



6190FF



# Sweetspot

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



ED7A07



FFDAB5



ED077A



806953



000000



808080



# Same Dimension

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



ED7A07



FF8000



EDED07



756F6A



B55B00



361B00



# Inverse Universe

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



077AED



0080FF



0707ED



6A6F75



005BB5



001B36



# Previews

## White Background



This preview shows how the Hex color ED7A07 looks on a white background.

## Color Contrast Check

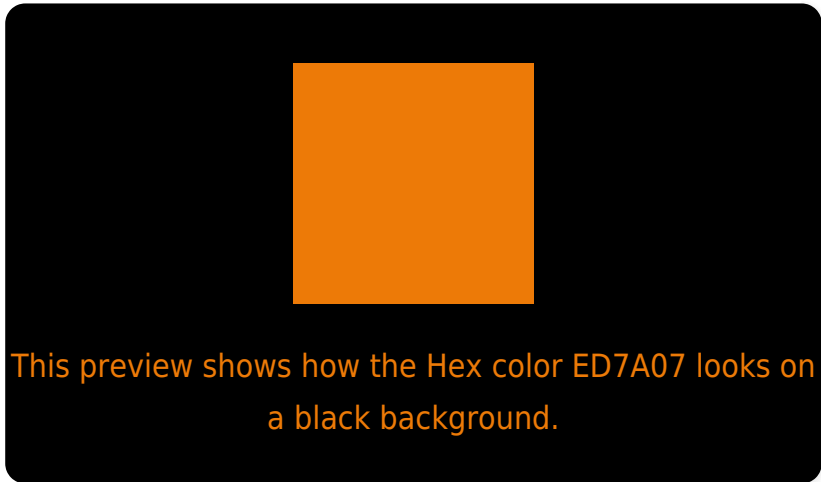
Large Text (above 18pt) WCAG AA × Fail

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 ED7A07 Background



This preview shows how black text looks on a background with the Hex color ED7A07.



This preview shows how white text looks on a background with the Hex color ED7A07.

# 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**  
ED7A07

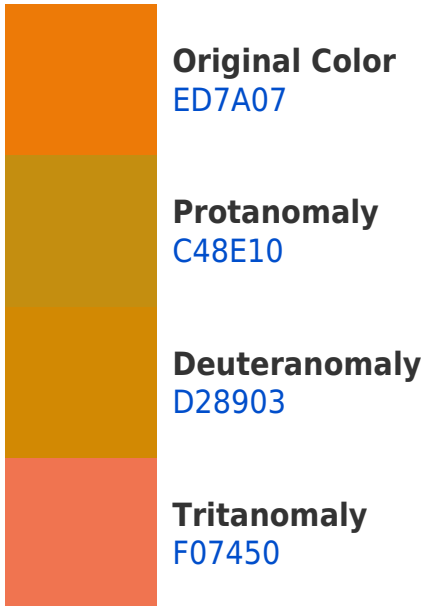
**Protanopia**  
AD9A15

**Deuteranopia**  
C29200

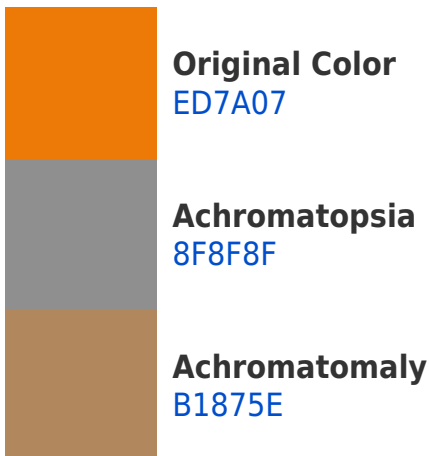


**Tritanopia**  
F17179

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED7A07 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 #ED7A07 looks like.

```
.text, #text, p{  
    color:#ED7A07  
}
```

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 #ED7A07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED7A07
}
```

## Border

The CSS property to change the border of an element to Hex ED7A07 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
#ED7A07 }
```

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

```
.border{ border-color:#ED7A07 }
```

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

Here you see how a box with a 4 pixel #ED7A07 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED7A07; -webkit-box-shadow:4px 4px  
4px 4px #ED7A07; box-shadow:4px 4px 4px  
4px #ED7A07 }
```

# Background

The CSS property to change the background color of an element to Hex ED7A07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED7A07 }
```

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

```
.background{ background-color:#ED7A07 }
```

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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