

Converting Colors

Hex(ED7948)

Have a look what the booklet for
Hex(ED7948) contains.

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Color

Hex(ED7948)

Conversions

Conversions Part 1

Format	Color
Hex	ED7948
RGB	237, 121, 72
RGB Percent	93%, 47%, 28%
CMY	0.0706, 0.5255, 0.7176
CMYK	0.00, 0.49, 0.70, 0.07
HSL	18°, 82%, 61%
HSV	18°, 70%, 93%
XYZ	42.9321, 32.1471, 10.0731
YIQ	150.0980, 84.8650, 9.3530

Conversions

Conversions Part 2

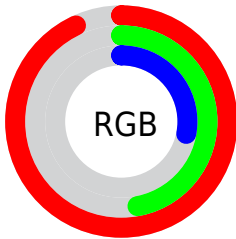
Format	Color
RYB	237, 142, 72
Decimal	15563080
CIELab	63.46, 41.12, 46.55
CIElCh	63, 62.110, 48.548
Yxy	32.1471, 0.5042, 0.3775
Android (android.graphics.Color)	4293753160 (0xFFED7948)
YUV	150.0980, -38.5023, 76.2131
Hunter-Lab	56.6985, 35.9381, 29.1554

Details

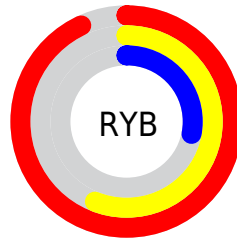
The Hex color **ED7948** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **48BCED**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFAF7A**, and **AF4518** is the 20% darker color. If you saturate the color by 10%, you get **ED6830**, and if you desaturate by 10%, it is **ED8A60**.

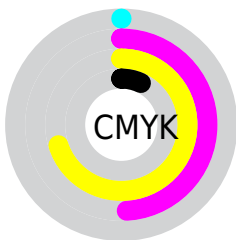
Distribution



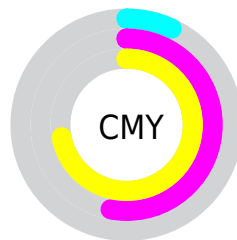
- Red (93%)
- Green (47%)
- Blue (28%)



- Red (93%)
- Yellow (56%)
- Blue (28%)



- Cyan (0%)
- Magenta (49%)
- Yellow (70%)
- Black (7%)



- Cyan (7%)
- Magenta (53%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color ED7948 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 ED7948 by changing the saturation by 10% instead.

 ED7948

 ED7948

FFFFFF

 CE5F30

 FFAF7A

 AF4518

 FFCB95

 912B00

 FFE8B0

 730E00

 FFFFCC

 550000

 FFFFEE

 3A0000

 1A0001

 000000

 ED7948

 ED7948

 ED6830

 ED8A60

 ED5819

 ED9A77

 ED4701

 EDAB8F

 ED4600

 EDBCA7

 EDCCBE

 EDDDD6

 EDEEEE

 EDFEFF

 EDFFFF

Harmonies

Analogous

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



FE677A



ED7948



C88F23

Triad

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



ED7948



00B382



7294FF

Complementary

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



ED7948



48BCED

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.



00A6FF



ED7948



00B4BB

Square

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



ED7948



52AD4C



00B0EC



C77CE4

Rectangle

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



ED7948



A79C1D



00B0EC



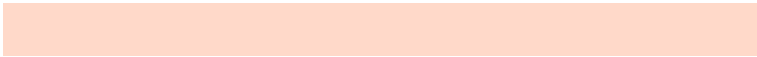
3E9BFF

Sweetspot

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



ED7948



FFD9C9



ED48BE



806960



000000



808080

Same Dimension

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



ED7948



FF6829



EDC948



756D6A



B53600



361000

Inverse Universe

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



48BCED



29BFFF



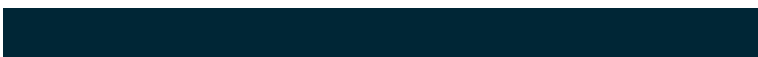
486CED



6A7275



007FB5



002636

Previews

White Background



This preview shows how the Hex color ED7948 looks on a white background.

Color Contrast Check

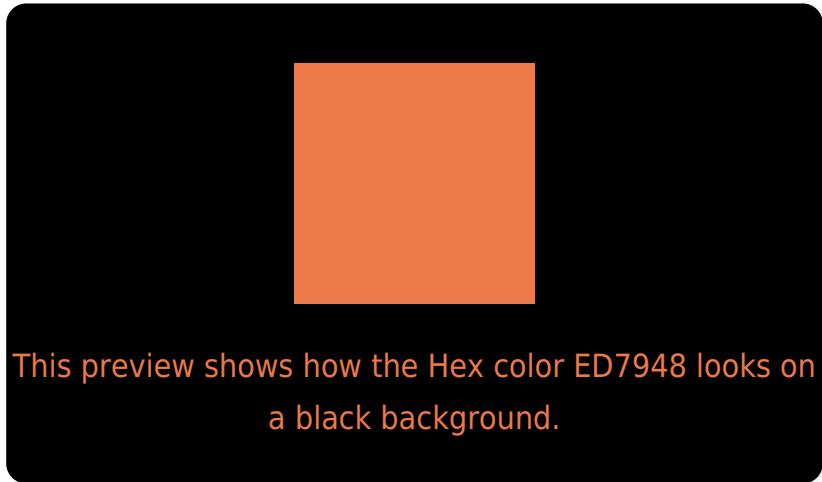
Large Text (above 18pt) WCAG AA × Fail

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 ED7948 Background



This preview shows how black text looks on a background with the Hex color ED7948.



This preview shows how white text looks on a background with the Hex color ED7948.

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
ED7948

Protanopia
AA9A53

Deuteranopia
BF9342



Tritanopia
F0737B

Trichromacy



Original Color
ED7948



Protanomaly
C28E4F



Deuteranomaly
D08A44



Tritanomaly
EF7568

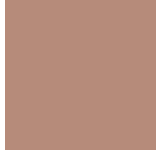
Monochromacy



Original Color
ED7948



Achromatopsia
969696



Achromatomaly
B68B7A

CSS Examples

Text

The CSS property to change the color of the text to Hex ED7948 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 #ED7948 looks like.

```
.text, #text, p{  
    color:#ED7948  
}
```

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 #ED7948 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED7948
}
```

Border

The CSS property to change the border of an element to Hex ED7948 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
#ED7948 }
```

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

```
.border{ border-color:#ED7948 }
```

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

Here you see how a box with a 4 pixel #ED7948 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED7948; -webkit-box-shadow:4px 4px  
4px 4px #ED7948; box-shadow:4px 4px 4px  
4px #ED7948 }
```

Background

The CSS property to change the background color of an element to Hex ED7948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED7948 }
```

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

```
.background{ background-color:#ED7948 }
```

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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