

# Converting Colors

Hex(EA7C4C)

Have a look what the booklet for  
Hex(EA7C4C) contains.

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# **Color**

**Hex(EA7C4C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EA7C4C
RGB	234, 124, 76
RGB Percent	92%, 49%, 30%
CMY	0.0824, 0.5137, 0.7020
CMYK	0.00, 0.47, 0.68, 0.08
HSL	18°, 79%, 61%
HSV	18°, 68%, 92%
XYZ	42.4438, 32.4295, 10.8600
YIQ	151.4180, 80.9680, 8.3920

# Conversions

## Conversions Part 2

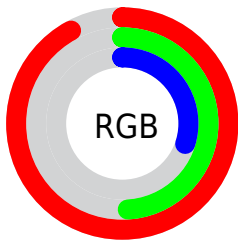
Format	Color
R <sub>Y</sub> B	234, 145, 76
Decimal	15367244
CIE Lab	63.70, 38.66, 44.66
CIE LCh	64, 59.063, 49.119
Yxy	32.4295, 0.4951, 0.3783
Android (android.graphics.Color)	4293557324 (0xFFEA7C4C)
YUV	151.4180, -37.1811, 72.4244
Hunter-Lab	56.9469, 33.3830, 28.5561

# Details

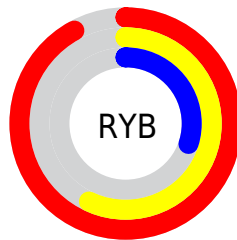
The Hex color **EA7C4C** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **4CBAEA**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFB27E**, and **AD491C** is the 20% darker color. If you saturate the color by 10%, you get **EA6C35**, and if you desaturate by 10%, it is **EA8C63**.

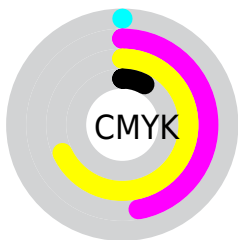
# Distribution



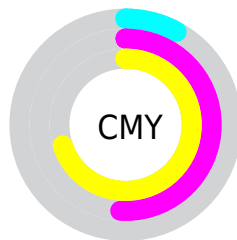
- Red (92%)
- Green (49%)
- Blue (30%)



- Red (92%)
- Yellow (57%)
- Blue (30%)



- Cyan (0%)
- Magenta (47%)
- Yellow (68%)
- Black (8%)



- Cyan (8%)
- Magenta (51%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EA7C4C 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 EA7C4C by changing the saturation by 10% instead.



 EA7C4C

 EA7C4C

FFFFFF

 CB6234


 FFB27E

 AD491C

 FFCE99

 8F2F02

 FFEBB4

 711400

 FFFF00

 540000

 FFFFEC

 380000

 180001

 000000

 EA7C4C

 EA7C4C

EA6C35

EA8C63

EA5B1D

EA9D7B

EA4B06

EAAD92

EA4700

EABDAA

EACDC1

EADED8

EAEEF0

EAFEFF

EAFFFF

# Harmonies

## Analogous

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



FA6B7B



EA7C4C



C6912C

# Triad

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



EA7C4C



00B385



7894FE

# Complementary

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



EA7C4C



4CBAEA

# 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



EA7C4C



00B4BB

# Square

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



EA7C4C



56AD52



00B0E9



C77EE0

# Rectangle

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



EA7C4C



A79D28



00B0E9



4E9BFF

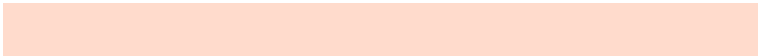


# Sweetspot

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



EA7C4C



FFDBCC



EA4CBB



806A61



000000



808080



# Same Dimension

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



EA7C4C



FF6F30



EACA4C



756D6A



B53700



361000



# Inverse Universe

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



4CBAEA



30C0FF



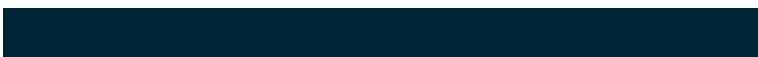
4C6CEA



6A7275



007EB5



002536



# Previews

## White Background



This preview shows how the Hex color EA7C4C looks on a white background.

## Color Contrast Check

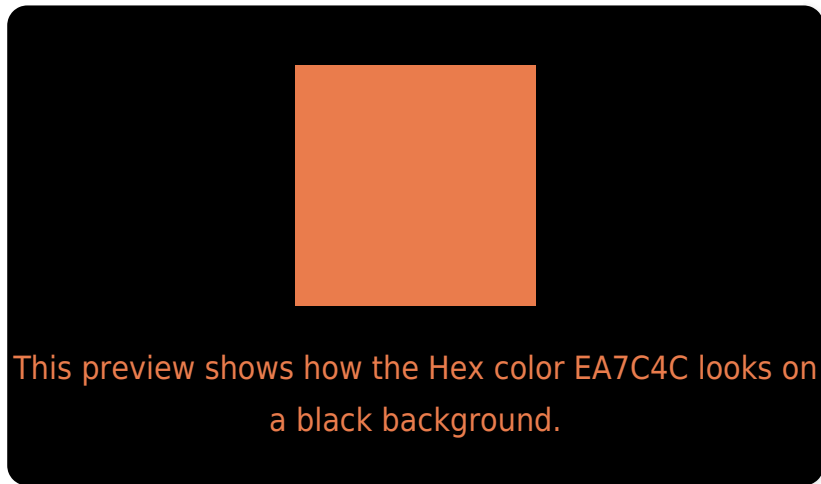
Large Text (above 18pt) WCAG AA × Fail

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 EA7C4C Background



This preview shows how black text looks on a background with the Hex color EA7C4C.

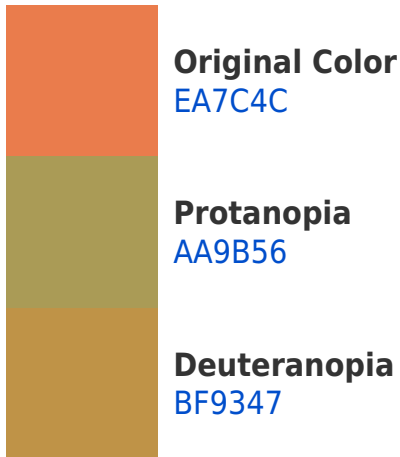


This preview shows how white text looks on a background with the Hex color EA7C4C.

# 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**  
ED767E

# Trichromacy



**Original Color**  
EA7C4C

**Protanomaly**  
C19052

**Deuteranomaly**  
CF8B49

**Tritanomaly**  
EC786C

# Monochromacy



**Original Color**  
EA7C4C

**Achromatopsia**  
979797

**Achromatomaly**  
B58D7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EA7C4C 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 #EA7C4C looks like.

```
.text, #text, p{  
    color:#EA7C4C  
}
```

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 #EA7C4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA7C4C
}
```

## Border

The CSS property to change the border of an element to Hex EA7C4C 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
#EA7C4C }
```

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

```
.border{ border-color:#EA7C4C }
```

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

Here you see how a box with a 4 pixel #EA7C4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA7C4C; -webkit-box-shadow:4px 4px  
4px 4px #EA7C4C; box-shadow:4px 4px 4px  
4px #EA7C4C }
```

# Background

The CSS property to change the background color of an element to Hex EA7C4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA7C4C }
```

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

```
.background{ background-color:#EA7C4C }
```

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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