

Converting Colors

Hex(E47F22)

Have a look what the booklet for
Hex(E47F22) contains.

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Color

Hex(E47F22)

Conversions

Conversions Part 1

Format	Color
Hex	E47F22
RGB	228, 127, 34
RGB Percent	89%, 50%, 13%
CMY	0.1059, 0.5020, 0.8667
CMYK	0.00, 0.44, 0.85, 0.11
HSL	29°, 78%, 51%
HSV	29°, 85%, 89%
XYZ	39.8730, 31.7882, 5.5476
YIQ	146.5970, 90.0490, -7.5110

Conversions

Conversions Part 2

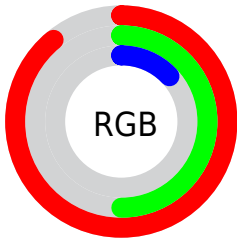
Format	Color
R _Y B	228, 213, 34
Decimal	14974754
CIE Lab	63.17, 33.06, 62.35
CIE LCh	63, 70.573, 62.068
Yxy	31.7882, 0.5164, 0.4117
Android (android.graphics.Color)	4293164834 (0xFFE47F22)
YUV	146.5970, -55.5103, 71.3904
Hunter-Lab	56.3810, 27.5695, 33.6329

Details

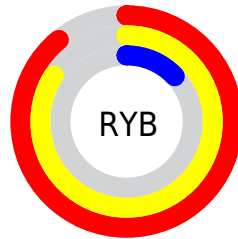
The Hex color **E47F22** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **2287E4**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FFB558**, and **A64C00** is the 20% darker color. If you saturate the color by 10%, you get **E4730B**, and if you desaturate by 10%, it is **E48B39**.

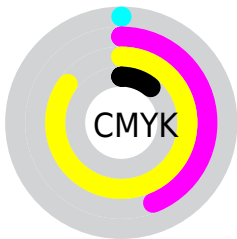
Distribution



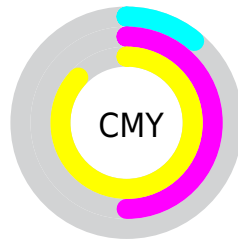
- Red (89%)
- Green (50%)
- Blue (13%)



- Red (89%)
- Yellow (84%)
- Blue (13%)



- Cyan (0%)
- Magenta (44%)
- Yellow (85%)
- Black (11%)



- Cyan (11%)
- Magenta (50%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color E47F22 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 E47F22 by changing the saturation by 10% instead.

 E47F22

 E47F22

FFFFFF

 C56500

 FF558

 A64C00

 FFD073

 883400

 FFED8E

 6A1C00

 FFFFA9

 4D0100

 FFFFC5

 330000

 FFFFE2

 090000

 000000

 E47F22

 E47F22

 E4730B

 E48B39

 E46D00

 E49750

 E4A366

 E4AE7D

 E4BA94

 E4C6AB

 E4D2C2

 E4DED8

 E4EAEF

Harmonies

Analogous

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



FF645A



E47F22



B39700

Triad

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



E47F22



00B69C



9D86FF

Complementary

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



E47F22



2287E4

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.



009FFF



E47F22



00B5DA

Square

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



E47F22



00B25B



00AEFF



E768D5

Rectangle

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



E47F22



8AA300



00AEFF



758FFF

Sweetspot

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



E47F22



FFDCBD



E42289



806B58



000000



808080

Same Dimension

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



E47F22



FF7A00



E4DE22



736D67



B35600



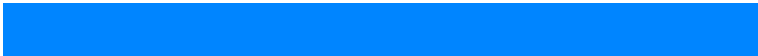
331800

Inverse Universe

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



2287E4



0085FF



2228E4



676D73



005DB3



001B33

Previews

White Background



This preview shows how the Hex color E47F22 looks on a white background.

Color Contrast Check

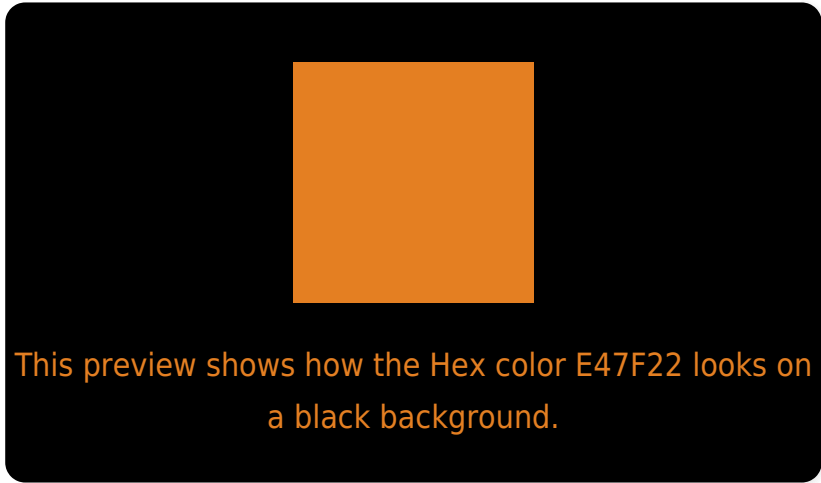
Large Text (above 18pt) WCAG AA × Fail

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 E47F22 Background



This preview shows how black text looks on a background with the Hex color E47F22.



This preview shows how white text looks on a background with the Hex color E47F22.

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
E47F22

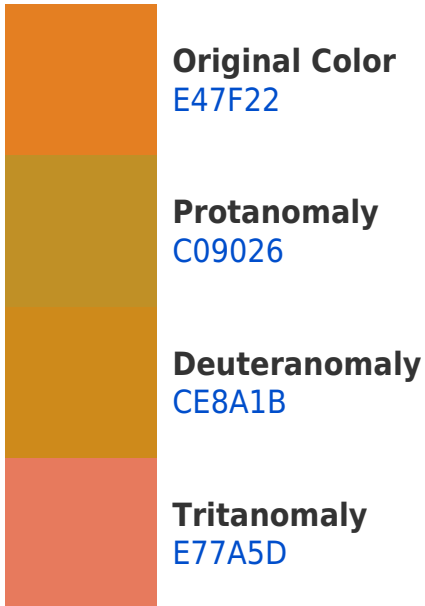
Protanopia
AC9A29

Deuteranopia
C29117

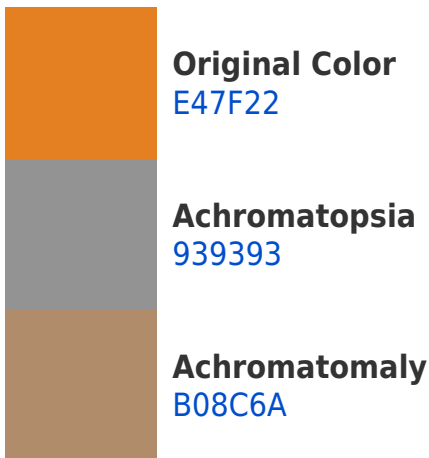


Tritanopia
E8777F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E47F22 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 #E47F22 looks like.

```
.text, #text, p{  
    color:#E47F22  
}
```

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 #E47F22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E47F22  
}
```

Border

The CSS property to change the border of an element to Hex E47F22 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  
#E47F22 }
```

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

```
.border{ border-color:#E47F22 }
```

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

Here you see how a box with a 4 pixel #E47F22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E47F22; -webkit-box-shadow:4px 4px  
4px 4px #E47F22; box-shadow:4px 4px 4px  
4px #E47F22 }
```

Background

The CSS property to change the background color of an element to Hex E47F22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E47F22 }
```

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

```
.background{ background-color:#E47F22 }
```

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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