

Converting Colors

Hex(E47C36)

Have a look what the booklet for
Hex(E47C36) contains.

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Color

Hex(E47C36)

Conversions

Conversions Part 1

Format	Color
Hex	E47C36
RGB	228, 124, 54
RGB Percent	89%, 49%, 21%
CMY	0.1059, 0.5137, 0.7882
CMYK	0.00, 0.46, 0.76, 0.11
HSL	24°, 76%, 55%
HSV	24°, 76%, 89%
XYZ	39.8684, 31.1756, 7.4062
YIQ	147.1160, 84.4540, 0.2780

Conversions

Conversions Part 2

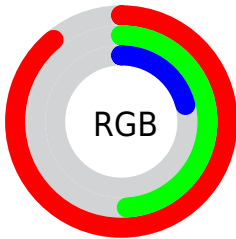
Format	Color
R _Y B	228, 171, 54
Decimal	14974006
CIE Lab	62.66, 35.25, 53.97
CIE LCh	63, 64.464, 56.851
Yxy	31.1756, 0.5082, 0.3974
Android (android.graphics.Color)	4293164086 (0xFFE47C36)
YUV	147.1160, -45.9062, 70.9353
Hunter-Lab	55.8351, 29.7443, 31.2201

Details

The Hex color **E47C36** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **369EE4**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFB269**, and **A64900** is the 20% darker color. If you saturate the color by 10%, you get **E46E1F**, and if you desaturate by 10%, it is **E48A4D**.

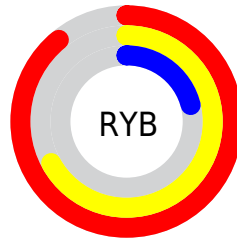
Distribution



Red (89%)

Green (49%)

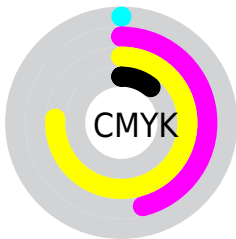
Blue (21%)



Red (89%)

Yellow (67%)

Blue (21%)

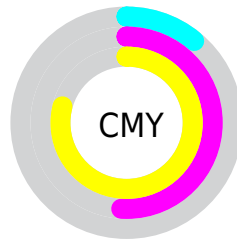


Cyan (0%)

Magenta (46%)

Yellow (76%)

Black (11%)



Cyan (11%)

Magenta (51%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color E47C36 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 E47C36 by changing the saturation by 10% instead.

 E47C36

 E47C36

FFFFFF

 C5621C

 FF269

 A64900

 FFCE83

 883100

 FFEA9E

 6B1700

 FFFFBA

 4E0000

 FFFFD6

 330000

 FFFFF3

 090000

 000000

 E47C36

 E47C36

 E46E1F

 E48A4D

 E46108

 E49764

 E45C00

 E4A57A

 E4B391

 E4C0A8

 E4CEBF

 E4DBD6

 E4E9EC

 E4F7FF

Harmonies

Analogous

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



FC6667



E47C36



B99311

Triad

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



E47C36



00B28F



8C8BFE

Complementary

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



E47C36



369EE4

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.



00A0FF



E47C36



00B2CA

Square

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



E47C36



2AAD55



00ADF7



D771D7

Rectangle

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



E47C36



969F17



00ADF7



6493FF

Sweetspot

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



E47C36



FFDCC4



E4369E



806A5C



000000



808080

Same Dimension

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



E47C36



FF7314



E4D336



736C67



B34800



331500

Inverse Universe

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



369EE4



14A1FF



3647E4



676E73



006BB3



001E33

Previews

White Background



This preview shows how the Hex color E47C36 looks on a white background.

Color Contrast Check

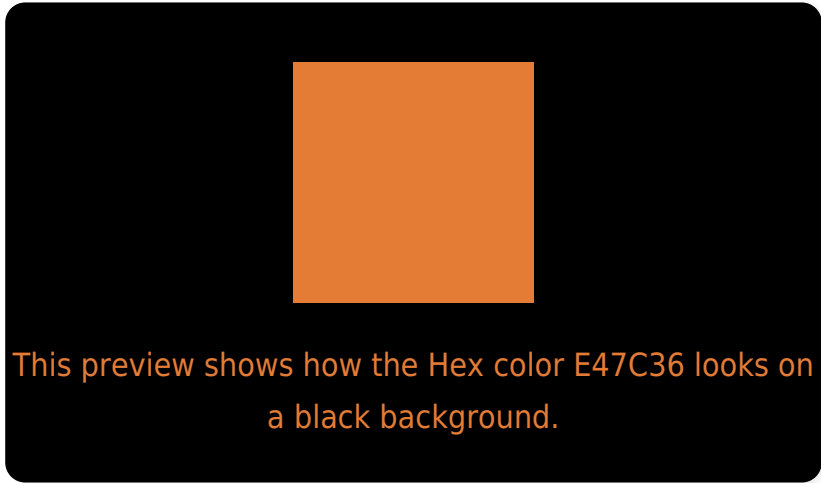
Large Text (above 18pt) WCAG AA × Fail

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 E47C36 Background



This preview shows how black text looks on a background with the Hex color E47C36.

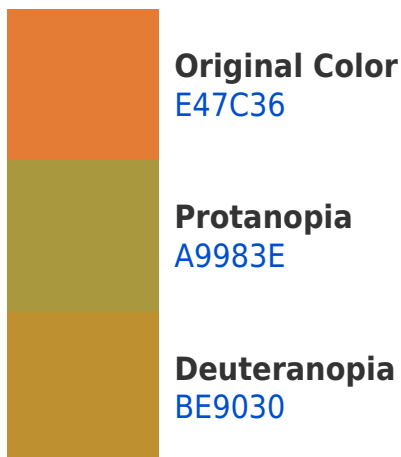


This preview shows how white text looks on a background with the Hex color E47C36.

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](#).

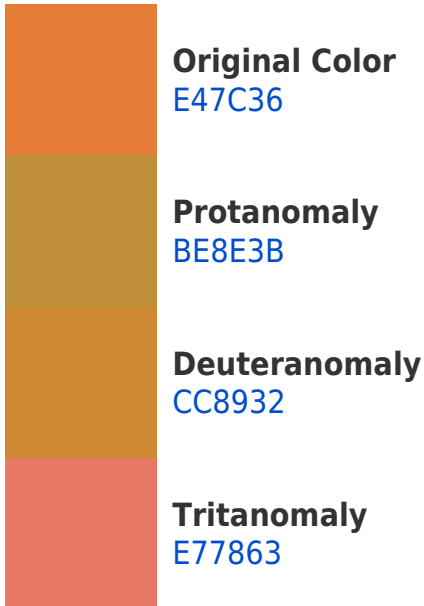
Dichromacy



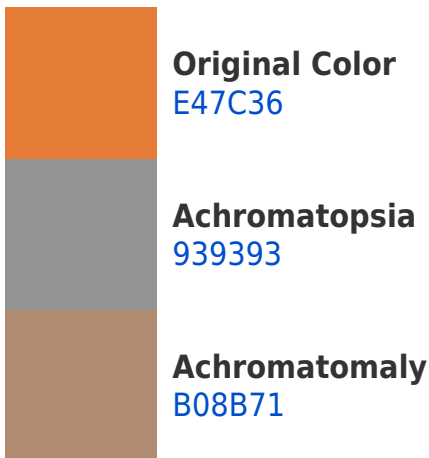


Tritanopia
E8757D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E47C36 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 #E47C36 looks like.

```
.text, #text, p{  
    color:#E47C36  
}
```

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 #E47C36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E47C36
}
```

Border

The CSS property to change the border of an element to Hex E47C36 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
#E47C36 }
```

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

```
.border{ border-color:#E47C36 }
```

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

Here you see how a box with a 4 pixel #E47C36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E47C36; -webkit-box-shadow:4px 4px  
4px 4px #E47C36; box-shadow:4px 4px 4px  
4px #E47C36 }
```

Background

The CSS property to change the background color of an element to Hex E47C36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E47C36 }
```

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

```
.background{ background-color:#E47C36 }
```

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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