

Converting Colors

Hex(E47D33)

Have a look what the booklet for
Hex(E47D33) contains.

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Color

Hex(E47D33)

Conversions

Conversions Part 1

Format	Color
Hex	E47D33
RGB	228, 125, 51
RGB Percent	89%, 49%, 20%
CMY	0.1059, 0.5098, 0.8000
CMYK	0.00, 0.45, 0.78, 0.11
HSL	25°, 77%, 55%
HSV	25°, 78%, 89%
XYZ	39.9261, 31.4002, 7.0885
YIQ	147.3610, 85.1420, -1.1780

Conversions

Conversions Part 2

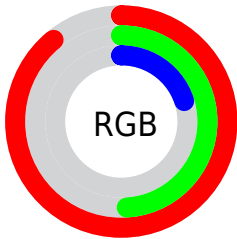
Format	Color
R _Y B	228, 178, 51
Decimal	14974259
CIE Lab	62.84, 34.62, 55.48
CIE LCh	63, 65.396, 58.037
Yxy	31.4002, 0.5092, 0.4004
Android (android.graphics.Color)	4293164339 (0xFFE47D33)
YUV	147.3610, -47.5060, 70.7204
Hunter-Lab	56.0359, 29.1199, 31.7250

Details

The Hex color **E47D33** is a dark color, and the websafe version is hex **CC6600**. The color can be described as middle washed orange. A complement of this color would be **339AE4**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFB366**, and **A64A00** is the 20% darker color. If you saturate the color by 10%, you get **E4701C**, and if you desaturate by 10%, it is **E48A4A**.

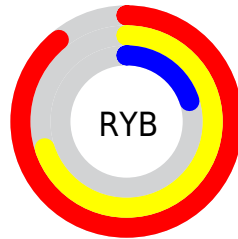
Distribution



Red (89%)

Green (49%)

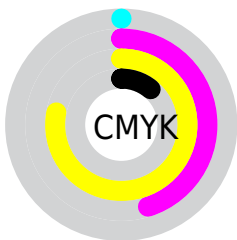
Blue (20%)



Red (89%)

Yellow (70%)

Blue (20%)

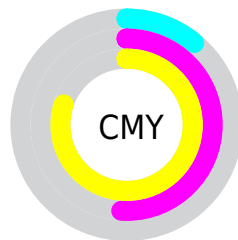


Cyan (0%)

Magenta (45%)

Yellow (78%)

Black (11%)



Cyan (11%)

Magenta (51%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color E47D33 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 E47D33 by changing the saturation by 10% instead.

 E47D33

 E47D33

FFFFFF

 C56318

 FFB366

 A64A00

 FFCF81

 883200

 FFE99B

 6A1900

 FFFF80

 4E0000

 FFFFD3

 330000

 FFFFF0

 0A0000

 000000

 E47D33

 E47D33

 E4701C

 E48A4A

 E46205

 E49861

 E45F00

 E4A577

 E4B28E

 E4BFA5

 E4CDBC

 E4DAD3

 E4E7E9

 E4F4FF

Harmonies

Analogous

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



FE6665



E47D33



B8940B

Triad

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



E47D33



00B392



908AFF

Complementary

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



E47D33



339AE4

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



E47D33



00B3CD

Square

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



E47D33



1EAE57



00ADFA



DA70D6

Rectangle

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



E47D33



94A015



00ADFA



6992FF

Sweetspot

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



E47D33



FFDDC4



E4339A



806B5C



000000



808080

Same Dimension

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



E47D33



FF7512



E4D533



736C67



B34B00



331500

Inverse Universe

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



339AE4



129CFF



3342E4



676E73



0068B3



001E33

Previews

White Background



This preview shows how the Hex color E47D33 looks on a white background.

Color Contrast Check

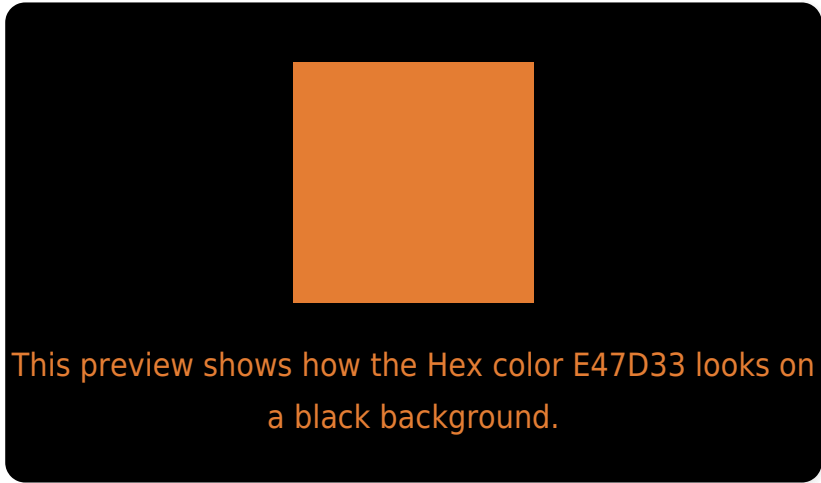
Large Text (above 18pt) WCAG AA × Fail

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 E47D33 Background



This preview shows how black text looks on a background with the Hex color E47D33.



This preview shows how white text looks on a background with the Hex color E47D33.

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
E47D33

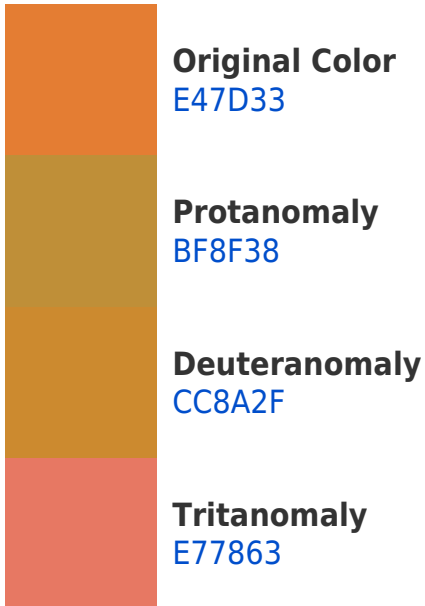
Protanopia
AA993B

Deuteranopia
BF912C

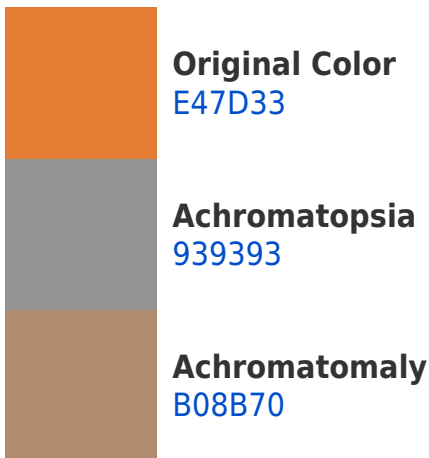


Tritanopia
E8757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E47D33 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 #E47D33 looks like.

```
.text, #text, p{  
    color:#E47D33  
}
```

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 #E47D33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E47D33
}
```

Border

The CSS property to change the border of an element to Hex E47D33 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
#E47D33 }
```

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

```
.border{ border-color:#E47D33 }
```

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

Here you see how a box with a 4 pixel #E47D33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E47D33; -webkit-box-shadow:4px 4px  
4px 4px #E47D33; box-shadow:4px 4px 4px  
4px #E47D33 }
```

Background

The CSS property to change the background color of an element to Hex E47D33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E47D33 }
```

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

```
.background{ background-color:#E47D33 }
```

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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