

Converting Colors

Hex(E17037)

Have a look what the booklet for
Hex(E17037) contains.

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Color

Hex(E17037)

Conversions

Conversions Part 1

Format	Color
Hex	E17037
RGB	225, 112, 55
RGB Percent	88%, 44%, 22%
CMY	0.1176, 0.5608, 0.7843
CMYK	0.00, 0.50, 0.76, 0.12
HSL	20°, 74%, 55%
HSV	20°, 76%, 88%
XYZ	37.5351, 27.8717, 7.0159
YIQ	139.2890, 85.6450, 6.2290

Conversions

Conversions Part 2

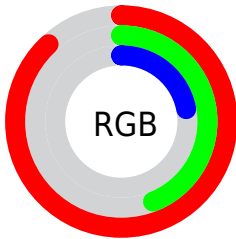
Format	Color
R_{YB}	225, 141, 55
Decimal	14774327
CIE _{Lab}	59.77, 40.23, 50.46
CIE _{LCh}	60, 64.534, 51.438
Yxy	27.8717, 0.5183, 0.3848
Android (android.graphics.Color)	4292964407 (0xFFE17037)
YUV	139.2890, -41.5545, 75.1685
Hunter-Lab	52.7937, 34.5205, 29.0764

Details

The Hex color **E17037** 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 **37A8E1**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FFA669**, and **A33D01** is the 20% darker color. If you saturate the color by 10%, you get **E16120**, and if you desaturate by 10%, it is **E17F4E**.

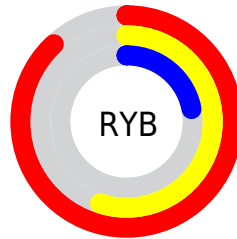
Distribution



Red (88%)

Green (44%)

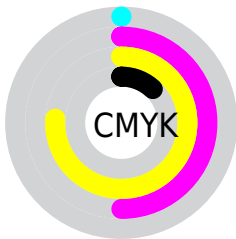
Blue (22%)



Red (88%)

Yellow (55%)

Blue (22%)

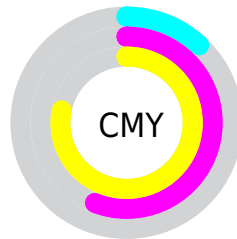


Cyan (0%)

Magenta (50%)

Yellow (76%)

Black (12%)



Cyan (12%)


Magenta (56%)


Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color E17037 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 E17037 by changing the saturation by 10% instead.

 E17037

 E17037

FFFFFF

 C2561E

 FFA669

 A33D01

 FFC183

 852300

 FFDE9E

 670300

 FFFBB9


 4A0000

 FFFFDD

 310002

 FFFFF2

 000000

 E17037

 E17037

 E16120

 E17F4E

 E1520A

 E18E64

 E14B00

 E19D7B

 E1AC91

 E1BBA8

 E1CABE

 E1D9D4

 E1E8EB

 E1F7FF

Harmonies

Analogous

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



F55B6A



E17037



B98807

Triad

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



E17037



00A97D



6F88FA

Complementary

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



E17037



37A8E1

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.



009BFF



E17037



00AAB8

Square

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



E17037



39A444



00A6E8



C46ED8

Rectangle

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



E17037



989401



00A6E8



398FFF

Sweetspot

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



E17037



FFD8C4



E137A8



80685C



000000



808080

Same Dimension

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



E17037



FF6517



E1C537



706965



B03B00



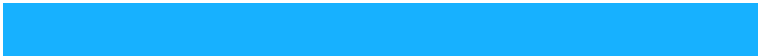
301000

Inverse Universe

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



37A8E1



17B1FF



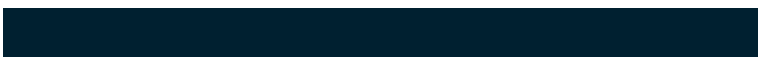
3753E1



656C70



0075B0



002030

Previews

White Background



This preview shows how the Hex color E17037 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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

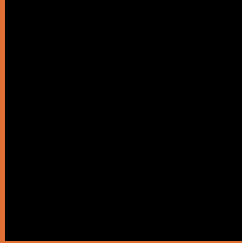
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex E17037 Background



This preview shows how black text looks on a background with the Hex color E17037.



This preview shows how white text looks on a background with the Hex color E17037.

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
E17037

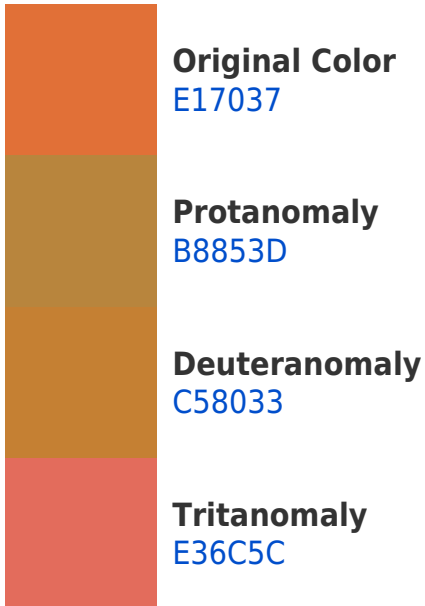
Protanopia
A09140

Deuteranopia
B58930



Tritanopia
E46A71

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E17037 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 #E17037 looks like.

```
.text, #text, p{  
    color:#E17037  
}
```

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 #E17037 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E17037
}
```

Border

The CSS property to change the border of an element to Hex E17037 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
#E17037 }
```

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

```
.border{ border-color:#E17037 }
```

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

Here you see how a box with a 4 pixel #E17037 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E17037; -webkit-box-shadow:4px 4px  
4px 4px #E17037; box-shadow:4px 4px 4px  
4px #E17037 }
```

Background

The CSS property to change the background color of an element to Hex E17037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E17037 }
```

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

```
.background{ background-color:#E17037 }
```

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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