

Converting Colors

Hex(E07637)

Have a look what the booklet for
Hex(E07637) contains.

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Color

Hex(E07637)

Conversions

Conversions Part 1

Format	Color
Hex	E07637
RGB	224, 118, 55
RGB Percent	88%, 46%, 22%
CMY	0.1216, 0.5373, 0.7843
CMYK	0.00, 0.47, 0.75, 0.12
HSL	22°, 73%, 55%
HSV	22°, 75%, 88%
XYZ	37.9085, 29.0800, 7.2294
YIQ	142.5120, 83.3990, 2.8790

Conversions

Conversions Part 2

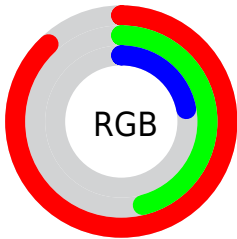
Format	Color
RYB	224, 155, 55
Decimal	14710327
CIELab	60.85, 36.79, 51.52
CIELCh	61, 63.304, 54.470
Yxy	29.0800, 0.5108, 0.3918
Android (android.graphics.Color)	4292900407 (0xFFE07637)
YUV	142.5120, -43.1434, 71.4650
Hunter-Lab	53.9259, 31.1106, 29.7995

Details

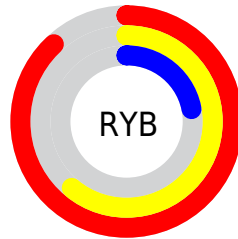
The Hex color **E07637** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **37A1E0**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FFAC69**, and **A34300** is the 20% darker color. If you saturate the color by 10%, you get **E06821**, and if you desaturate by 10%, it is **E0844D**.

Distribution



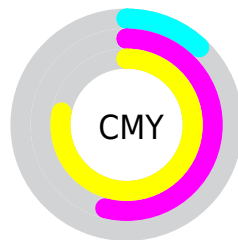
- Red (88%)
- Green (46%)
- Blue (22%)



- Red (88%)
- Yellow (61%)
- Blue (22%)



- Cyan (0%)
- Magenta (47%)
- Yellow (75%)
- Black (12%)



- Cyan (12%)
- Magenta (54%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color E07637 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 E07637 by changing the saturation by 10% instead.

 E07637

 E07637

FFFFFF

 C15C1E

 FFAC69

 A34300

 FFC784

 852A00

 FFE49E

 671000

 FFFFBA

 4A0000

 FFFFD6

 310001

 FFFFF3

 000000

 E07637

 E07637

 E06821

 E0844D

 E05A0A

 E09264

 E05400

 E0A07A

 E0AE91

 E0BCA7

 E0CABD

 E0D8D4

 E0E6EA

 E0F4FF

Harmonies

Analogous

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



F66168



E07637



B78D10

Triad

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



E07637



00AC86



7F88F9

Complementary

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



E07637



37A1E0

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.



009CFF



E07637



00ADC0

Square

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



E07637



33A84E



00A8ED



CC6FD5

Rectangle

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



E07637



959912



00A8ED



5490FF

Sweetspot

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



E07637



FFDAC4



E037A2



80695C



000000



808080

Same Dimension

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



E07637



FF6D17



E0C937



706965



B04200



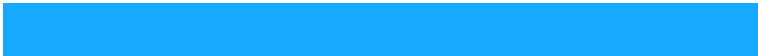
301200

Inverse Universe

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



37A1E0



17A8FF



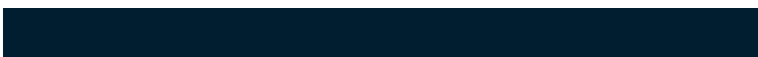
374EE0



656C70



006EB0



001E30

Previews

White Background



This preview shows how the Hex color E07637 looks on a white background.

Color Contrast Check

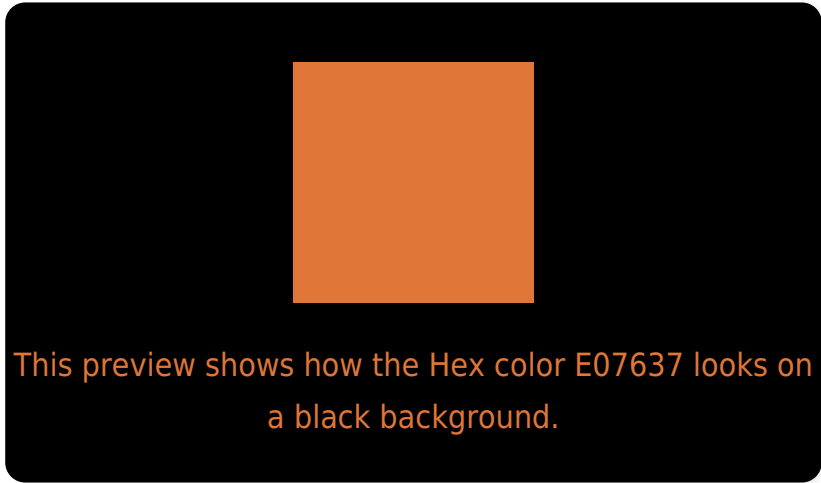
Large Text (above 18pt) WCAG AA ✓ Pass

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

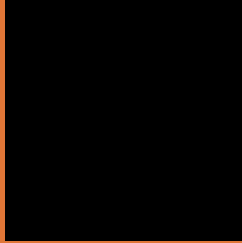
Any Text WCAG AA ✓ Pass

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 E07637 Background



This preview shows how black text looks on a background with the Hex color E07637.



This preview shows how white text looks on a background with the Hex color E07637.

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
E07637

Protanopia
A4943F

Deuteranopia
B88C31



Tritanopia
E36F77

Trichromacy



Original Color
E07637

Protanomaly
BA893C

Deuteranomaly
C78433

Tritanomaly
E27260

Monochromacy



Original Color
E07637

Achromatopsia
8F8F8F

Achromatomaly
AC866F

CSS Examples

Text

The CSS property to change the color of the text to Hex E07637 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 #E07637 looks like.

```
.text, #text, p{  
    color:#E07637  
}
```

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 #E07637 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E07637
}
```

Border

The CSS property to change the border of an element to Hex E07637 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
#E07637 }
```

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

```
.border{ border-color:#E07637 }
```

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

Here you see how a box with a 4 pixel #E07637 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E07637; -webkit-box-shadow:4px 4px  
4px 4px #E07637; box-shadow:4px 4px 4px  
4px #E07637 }
```

Background

The CSS property to change the background color of an element to Hex E07637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E07637 }
```

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

```
.background{ background-color:#E07637 }
```

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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