

# Converting Colors

Hex(E87548)

Have a look what the booklet for  
Hex(E87548) contains.

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**Color**

**Hex(E87548)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E87548
RGB	232, 117, 72
RGB Percent	91%, 46%, 28%
CMY	0.0902, 0.5412, 0.7176
CMYK	0.00, 0.50, 0.69, 0.09
HSL	17°, 78%, 60%
HSV	17°, 69%, 91%
XYZ	40.8097, 30.3463, 9.8374
YIQ	146.2550, 82.9850, 10.3850

# Conversions

## Conversions Part 2

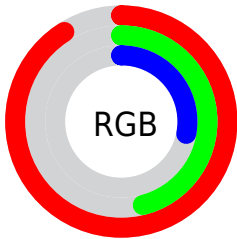
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	232, 135, 72
Decimal	15234376
CIE <sub>Lab</sub>	61.95, 41.21, 44.66
CIE <sub>LCh</sub>	62, 60.763, 47.301
Yxy	30.3463, 0.5039, 0.3747
Android (android.graphics.Color)	4293424456 (0xFFE87548)
YUV	146.2550, -36.6077, 75.1984
Hunter-Lab	55.0874, 35.8328, 27.9733

# Details

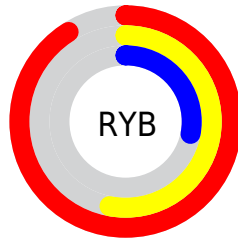
The Hex color **E87548** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **48BBE8**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FFAB7A**, and **AA4118** is the 20% darker color. If you saturate the color by 10%, you get **E86431**, and if you desaturate by 10%, it is **E8865F**.

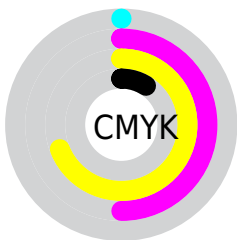
# Distribution



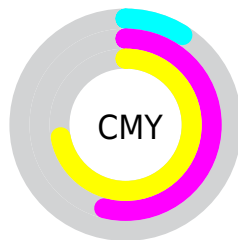
- Red (91%)
- Green (46%)
- Blue (28%)



- Red (91%)
- Yellow (53%)
- Blue (28%)



- Cyan (0%)
- Magenta (50%)
- Yellow (69%)
- Black (9%)



- Cyan (9%)
- Magenta (54%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E87548 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 E87548 by changing the saturation by 10% instead.



 E87548

 E87548

FFFFFF

 C95B30

 FFAB7A

 AA4118

 FFC794

 8C2700

 FFE3AF

 6F0800

 FFFF00

 510000

 FFFF00

 370001

 100000

 000000

 E87548

 E87548

 E86431

 E8865F

 E8541A

 E89676

 E84302

 E8A78E

 E84100

 E8B8A5

 E8C8BC

 E8D9D3

 E8EAEA

 E8FAFF

 E8FFFF

# Harmonies

## Analogous

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



F76479



E87548



C58B23

# Triad

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



E87548



00AE7C



6A91FD

# Complementary

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



E87548



48BBE8

# 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.



00A2FF



E87548



00AFB4

# Square

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



E87548



54A848



00ACE4



C07ADF

# Rectangle

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



E87548



A5971C



00ACE4



3398FF

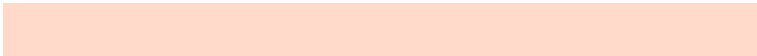


# Sweetspot

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



E87548



FFD9C9



E848BD



806960



000000



808080



# Same Dimension

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



E87548



FF672B



E8C348



736B67



B33200



330E00



# Inverse Universe

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



48BBE8



2BC3FF



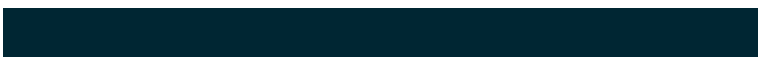
486DE8



677073



0080B3



002533



# Previews

## White Background



This preview shows how the Hex color E87548 looks on a white background.

## Color Contrast Check

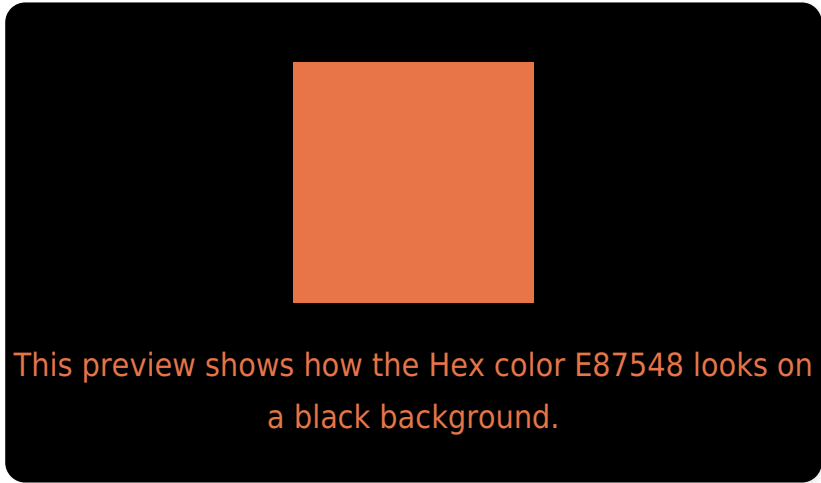
Large Text (above 18pt) WCAG AA × Fail

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

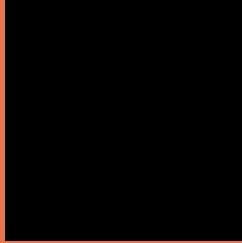
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E87548 Background



This preview shows how black text looks on a background with the Hex color E87548.



This preview shows how white text looks on a background with the Hex color E87548.

# 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**  
E87548

**Protanopia**  
A59653

**Deuteranopia**  
BA8F42



**Tritanopia**  
EB6F77

# Trichromacy



**Original Color**  
E87548

**Protanomaly**  
BD8A4F

**Deuteranomaly**  
CB8644

**Tritanomaly**  
EA7166

# Monochromacy



**Original Color**  
E87548

**Achromatopsia**  
929292

**Achromatomaly**  
B18777

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E87548 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 #E87548 looks like.

```
.text, #text, p{  
    color:#E87548  
}
```

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 #E87548 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E87548
}
```

## Border

The CSS property to change the border of an element to Hex E87548 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
#E87548 }
```

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

```
.border{ border-color:#E87548 }
```

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

Here you see how a box with a 4 pixel #E87548 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E87548; -webkit-box-shadow:4px 4px  
4px 4px #E87548; box-shadow:4px 4px 4px  
4px #E87548 }
```

# Background

The CSS property to change the background color of an element to Hex E87548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E87548 }
```

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

```
.background{ background-color:#E87548 }
```

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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