

Converting Colors

Hex(E87D5C)

Have a look what the booklet for
Hex(E87D5C) contains.

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Color

Hex(E87D5C)

Conversions

Conversions Part 1

Format	Color
Hex	E87D5C
RGB	232, 125, 92
RGB Percent	91%, 49%, 36%
CMY	0.0902, 0.5098, 0.6392
CMYK	0.00, 0.46, 0.60, 0.09
HSL	14°, 75%, 64%
HSV	14°, 60%, 91%
XYZ	42.5441, 32.5957, 14.1745
YIQ	153.2310, 74.3650, 12.4210

Conversions

Conversions Part 2

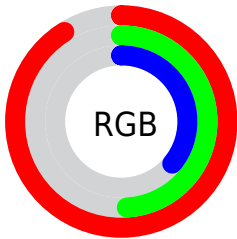
Format	Color
R_{YB}	232, 135, 92
Decimal	15236444
CIE Lab	63.83, 38.37, 36.28
CIE LCh	64, 52.806, 43.395
Yxy	32.5957, 0.4763, 0.3650
Android (android.graphics.Color)	4293426524 (0xFFE87D5C)
YUV	153.2310, -30.1869, 69.0804
Hunter-Lab	57.0927, 33.1017, 25.2448

Details

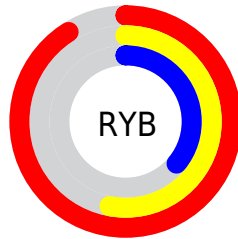
The Hex color **E87D5C** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **5CC7E8**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFB38F**, and **AB492D** is the 20% darker color. If you saturate the color by 10%, you get **E86B45**, and if you desaturate by 10%, it is **E88F73**.

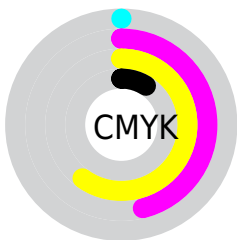
Distribution



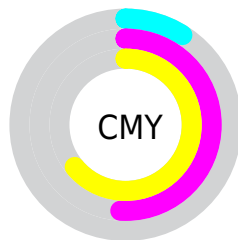
- Red (91%)
- Green (49%)
- Blue (36%)



- Red (91%)
- Yellow (53%)
- Blue (36%)



- Cyan (0%)
- Magenta (46%)
- Yellow (60%)
- Black (9%)



- Cyan (9%)
- Magenta (51%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color E87D5C 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 E87D5C by changing the saturation by 10% instead.

 E87D5C

 E87D5C

FFFFFF

 CA6344


 FFB38F

 AB492D

 FFCFAA

 8E3017

 FFECC5

 711600

 FFFFE1

 540000

FFFFFFE

 390000

 180001

 000000

 E87D5C

 E87D5C

 E86B45

 E88F73

 E85A2E

 E8A08A

 E84816

 E8B2A2

 E83700

 E8C4B9

 E8D6D0

 E8E7E7

 E8F9FE

 E8FFFF

Harmonies

Analogous

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



F27287



E87D5C



CB8F3E

Triad

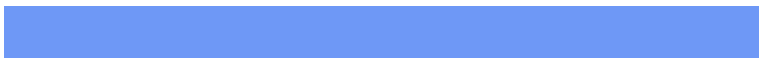
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E87D5C



00B07E



6E98F6

Complementary

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



E87D5C



5CC7E8

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.



00A7F4



E87D5C



00B2AF

Square

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



E87D5C



6CAA53



00AFDA



B986DF

Rectangle

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



E87D5C



B09A37



00AFDA



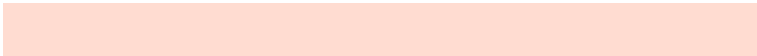
479EF9

Sweetspot

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



E87D5C



FFDCD1



E85CC7



806A63



000000



808080

Same Dimension

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



E87D5C



FF7347



E8C35C



736A67



B32A00



330C00

Inverse Universe

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



5CC7E8



47D4FF



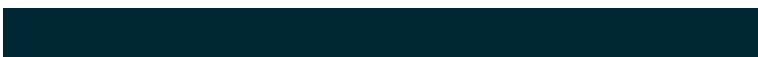
5C81E8



677073



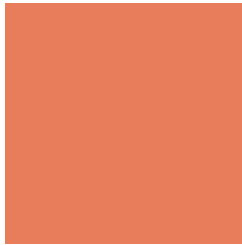
0088B3



002733

Previews

White Background



This preview shows how the Hex color E87D5C looks on a white background.

Color Contrast Check

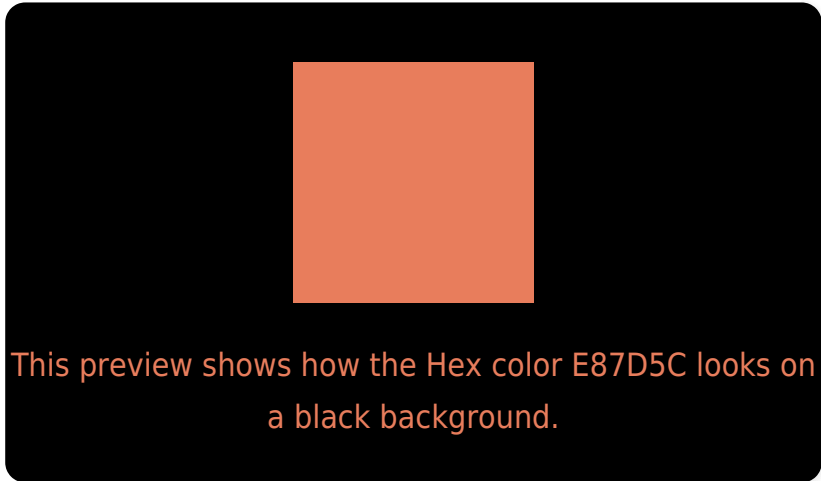
Large Text (above 18pt) WCAG AA × Fail

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

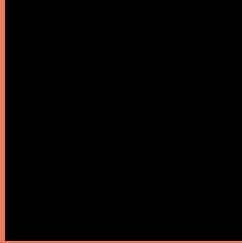
Any Text WCAG AA ✓ Pass

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 E87D5C Background



This preview shows how black text looks on a background with the Hex color E87D5C.

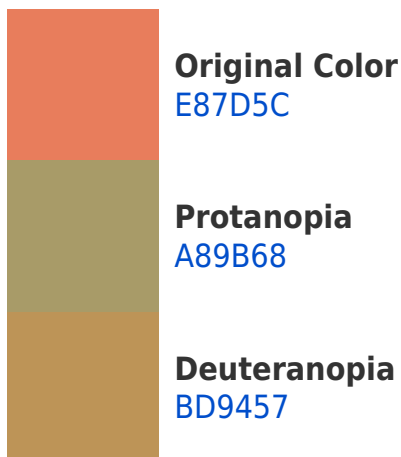


This preview shows how white text looks on a background with the Hex color E87D5C.

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
EA7881

Trichromacy



Original Color
E87D5C

Protanomaly
BF9064

Deuteranomaly
CD8C59

Tritanomaly
E97A74

Monochromacy



Original Color
E87D5C

Achromatopsia
999999

Achromatomaly
B68F83

CSS Examples

Text

The CSS property to change the color of the text to Hex E87D5C 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 #E87D5C looks like.

```
.text, #text, p{  
    color:#E87D5C  
}
```

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 #E87D5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E87D5C
}
```

Border

The CSS property to change the border of an element to Hex E87D5C 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
#E87D5C }
```

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

```
.border{ border-color:#E87D5C }
```

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

Here you see how a box with a 4 pixel #E87D5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E87D5C; -webkit-box-shadow:4px 4px  
4px 4px #E87D5C; box-shadow:4px 4px 4px  
4px #E87D5C }
```

Background

The CSS property to change the background color of an element to Hex E87D5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E87D5C }
```

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

```
.background{ background-color:#E87D5C }
```

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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