

Converting Colors

Hex(E58744)

Have a look what the booklet for
Hex(E58744) contains.

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Color

Hex(E58744)

Conversions

Conversions Part 1

Format	Color
Hex	E58744
RGB	229, 135, 68
RGB Percent	90%, 53%, 27%
CMY	0.1020, 0.4706, 0.7333
CMYK	0.00, 0.41, 0.70, 0.10
HSL	25°, 76%, 58%
HSV	25°, 70%, 90%
XYZ	42.0205, 34.4033, 9.8946
YIQ	155.4680, 77.5310, -0.9090

Conversions

Conversions Part 2

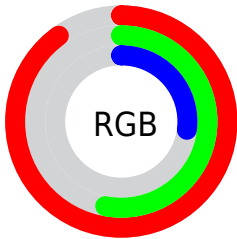
Format	Color
R _Y B	229, 183, 68
Decimal	15042372
CIE Lab	65.28, 30.55, 50.22
CIE LCh	65, 58.784, 58.689
Yxy	34.4033, 0.4868, 0.3986
Android (android.graphics.Color)	4293232452 (0xFFE58744)
YUV	155.4680, -43.1217, 64.4876
Hunter-Lab	58.6543, 25.2338, 31.0562

Details

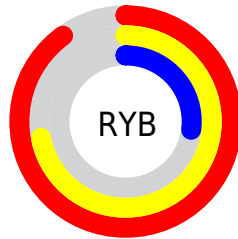
The Hex color **E58744** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **44A2E5**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFBD77**, and **A85410** is the 20% darker color. If you saturate the color by 10%, you get **E57A2D**, and if you desaturate by 10%, it is **E5945B**.

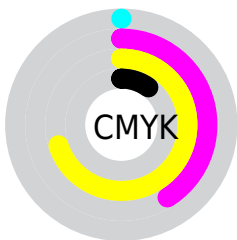
Distribution



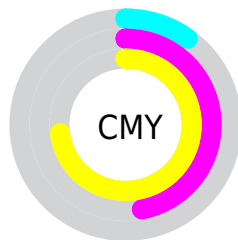
- Red (90%)
- Green (53%)
- Blue (27%)



- Red (90%)
- Yellow (72%)
- Blue (27%)



- Cyan (0%)
- Magenta (41%)
- Yellow (70%)
- Black (10%)



- Cyan (10%)
- Magenta (47%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color E58744 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 E58744 by changing the saturation by 10% instead.

 E58744

 E58744

FFFFFF

 C66D2B

 FFBD77

 A85410

 FFD991

 8A3C00

 FFF6AD

 6D2400

 FFFFC8

 510B00

 FFFF E5

 350000

 160000

 000000

 E58744

 E58744

 E57A2D

 E5945B

 E56C16

 E5A272

 E55F00

 E5AF89

 E5BCA0

 E5CAB7

 E5D7CD

 E5E5E4

 E5F2FB

 E5FFFF

Harmonies

Analogous

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



FC746F



E58744



BD9B2D

Triad

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



E58744



00B89A



9B92FB

Complementary

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



E58744



44A2E5

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.



00A5FF



E58744



00B7D0

Square

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



E58744



3EB465



00B2F8



DC7CD6

Rectangle

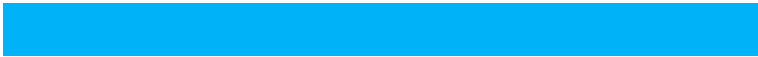
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E58744



9BA632



00B2F8



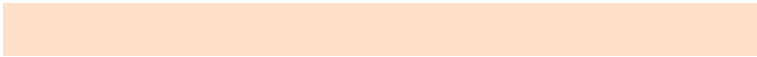
7C99FF

Sweetspot

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



E58744



FFE0C9



E544A5



806D60



000000



808080

Same Dimension

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



E58744



FF8229



E5D544



736C67



B34A00



331500

Inverse Universe

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



44A2E5



29A6FF



4454E5



676E73



0068B3



001E33

Previews

White Background



This preview shows how the Hex color E58744 looks on a white background.

Color Contrast Check

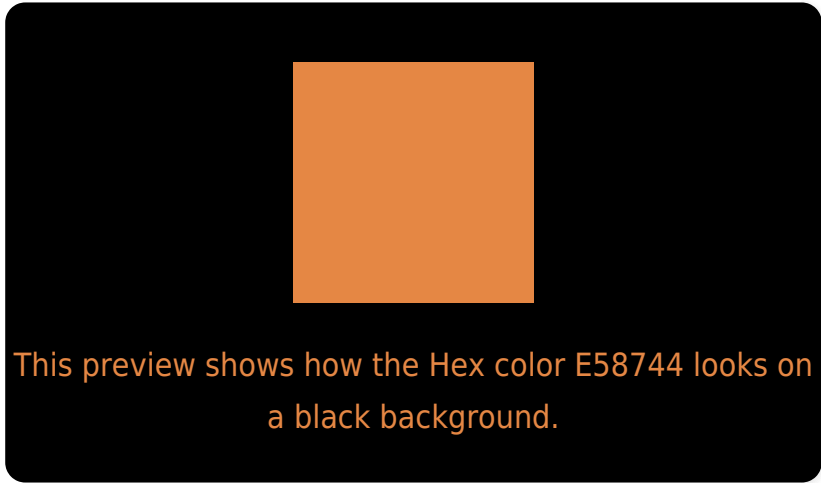
Large Text (above 18pt) WCAG AA × Fail

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

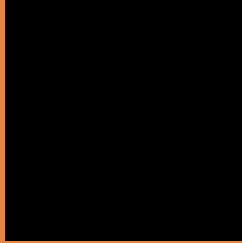
Any Text WCAG AA ✓ Pass

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 E58744 Background



This preview shows how black text looks on a background with the Hex color E58744.



This preview shows how white text looks on a background with the Hex color E58744.

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
E58744

Protanopia
B09F4B

Deuteranopia
C69740



Tritanopia
E97F89

Trichromacy



Original Color
E58744

Protanomaly
C39648

Deuteranomaly
D19141

Tritanomaly
E88270

Monochromacy



Original Color
E58744

Achromatopsia
9B9B9B

Achromatomaly
B6947B

CSS Examples

Text

The CSS property to change the color of the text to Hex E58744 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 #E58744 looks like.

```
.text, #text, p{  
    color:#E58744  
}
```

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 #E58744 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E58744
}
```

Border

The CSS property to change the border of an element to Hex E58744 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
#E58744 }
```

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

```
.border{ border-color:#E58744 }
```

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

Here you see how a box with a 4 pixel #E58744 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E58744; -webkit-box-shadow:4px 4px  
4px 4px #E58744; box-shadow:4px 4px 4px  
4px #E58744 }
```

Background

The CSS property to change the background color of an element to Hex E58744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E58744 }
```

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

```
.background{ background-color:#E58744 }
```

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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