

Converting Colors

Hex(E5834D)

Have a look what the booklet for
Hex(E5834D) contains.

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Color

Hex(E5834D)

Conversions

Conversions Part 1

Format	Color
Hex	E5834D
RGB	229, 131, 77
RGB Percent	90%, 51%, 30%
CMY	0.1020, 0.4863, 0.6980
CMYK	0.00, 0.43, 0.66, 0.10
HSL	21°, 75%, 60%
HSV	21°, 66%, 90%
XYZ	41.7690, 33.4264, 11.2717
YIQ	154.1460, 75.7420, 3.9820

Conversions

Conversions Part 2

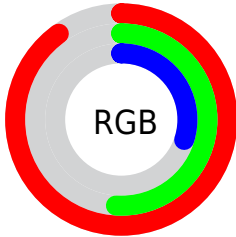
Format	Color
RYB	229, 161, 77
Decimal	15041357
CIELab	64.50, 33.14, 44.89
CIElCh	65, 55.797, 53.569
Yxy	33.4264, 0.4831, 0.3866
Android (android.graphics.Color)	4293231437 (0xFFE5834D)
YUV	154.1460, -38.0330, 65.6470
Hunter-Lab	57.8156, 27.7803, 28.9118

Details

The Hex color **E5834D** 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 **4DAFE5**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFB980**, and **A8501D** is the 20% darker color. If you saturate the color by 10%, you get **E57436**, and if you desaturate by 10%, it is **E59264**.

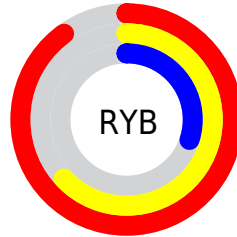
Distribution



Red (90%)

Green (51%)

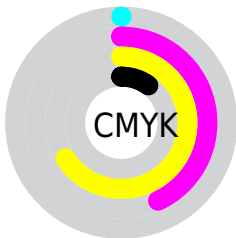
Blue (30%)



Red (90%)

Yellow (63%)

Blue (30%)

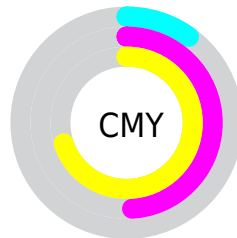


Cyan (0%)

Magenta (43%)

Yellow (66%)

Black (10%)



Cyan (10%)

Magenta (49%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color E5834D 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 E5834D by changing the saturation by 10% instead.

 E5834D

 E5834D

FFFFFF

 C66935

 FFB980

 A8501D

 FFD59A

 8B3802

 FFF2B5

 6E1F00

 FFFFD1

 510400

 FFFFEE

 360000

 150000

 000000

 E5834D

 E5834D

 E57436

 E59264

 E5651F

 E5A17B

 E55708

 E5AF92

 E55100

 E5BEA9

 E5CDBF

 E5DCD6

 E5EAED

 E5F9FF

 E5FFFF

Harmonies

Analogous

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



F77377



E5834D



C19634

Triad

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



E5834D



00B490



8C94F8

Complementary

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



E5834D



4DAFE5

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



E5834D



00B5C3

Square

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



E5834D



53AF5F



00B0EC



CF7FD8

Rectangle

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



E5834D



A2A134



00B0EC



6C9AFD

Sweetspot

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



E5834D



FFDECC



E54DB0



806C61



000000



808080

Same Dimension

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



E5834D



FF7B33



E5CE4D



736B67



B33F00



331200

Inverse Universe

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



4DAFE5



33B7FF



4D64E5



676F73



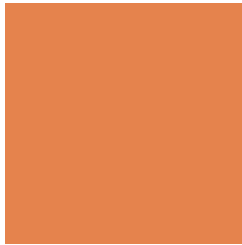
0073B3



002133

Previews

White Background



This preview shows how the Hex color E5834D looks on a white background.

Color Contrast Check

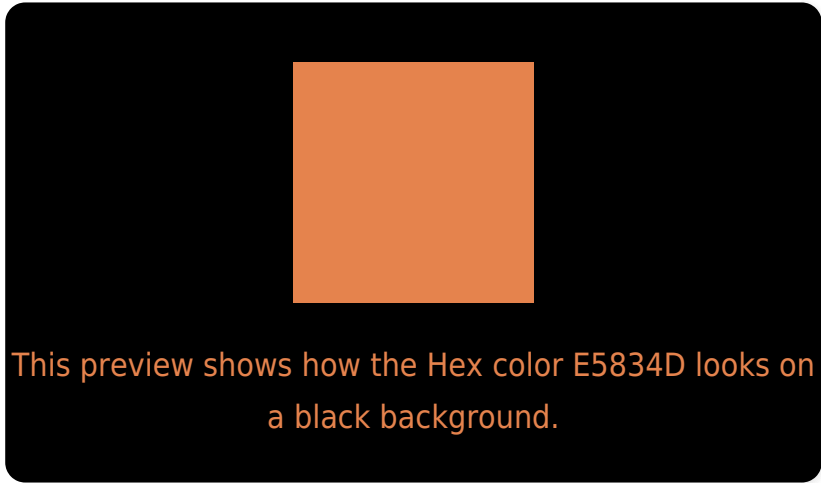
Large Text (above 18pt) WCAG AA × Fail

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 E5834D Background



This preview shows how black text looks on a background with the Hex color E5834D.



This preview shows how white text looks on a background with the Hex color E5834D.

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
E5834D

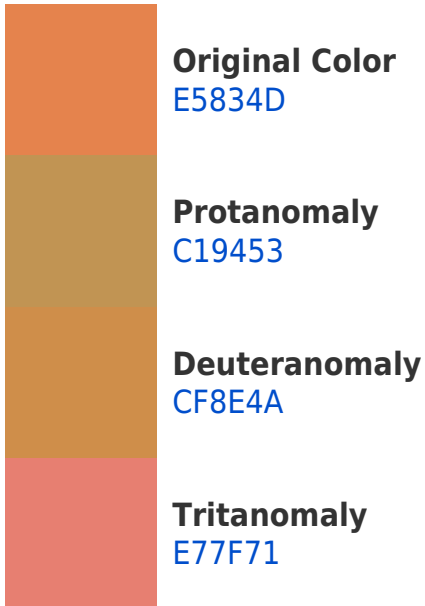
Protanopia
AD9D56

Deuteranopia
C29549



Tritanopia
E87C85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E5834D 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 #E5834D looks like.

```
.text, #text, p{  
    color:#E5834D  
}
```

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 #E5834D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5834D
}
```

Border

The CSS property to change the border of an element to Hex E5834D 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
#E5834D }
```

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

```
.border{ border-color:#E5834D }
```

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

Here you see how a box with a 4 pixel #E5834D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5834D; -webkit-box-shadow:4px 4px  
4px 4px #E5834D; box-shadow:4px 4px 4px  
4px #E5834D }
```

Background

The CSS property to change the background color of an element to Hex E5834D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5834D }
```

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

```
.background{ background-color:#E5834D }
```

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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