

Converting Colors

Hex(E27843)

Have a look what the booklet for
Hex(E27843) contains.

Hex(E27843)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E27843)

Conversions

Conversions Part 1

Format	Color
Hex	E27843
RGB	226, 120, 67
RGB Percent	89%, 47%, 26%
CMY	0.1137, 0.5294, 0.7373
CMYK	0.00, 0.47, 0.70, 0.11
HSL	20°, 73%, 57%
HSV	20°, 70%, 89%
XYZ	39.0936, 30.0069, 9.0416
YIQ	145.6520, 80.1890, 5.9890

Conversions

Conversions Part 2

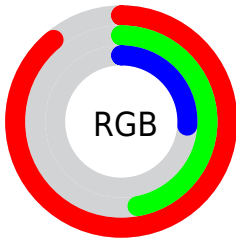
Format	Color
R _Y B	226, 147, 67
Decimal	14841923
CIE Lab	61.66, 37.10, 46.64
CIE LCh	62, 59.597, 51.500
Yxy	30.0069, 0.5003, 0.3840
Android (android.graphics.Color)	4293032003 (0xFFE27843)
YUV	145.6520, -38.7754, 70.4652
Hunter-Lab	54.7786, 31.5269, 28.5587

Details

The Hex color **E27843** 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 **43ADE2**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FFAE75**, and **A54512** is the 20% darker color. If you saturate the color by 10%, you get **E2692C**, and if you desaturate by 10%, it is **E2875A**.

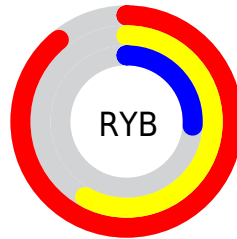
Distribution



Red (89%)

Green (47%)

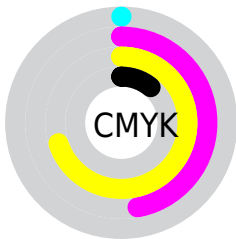
Blue (26%)



Red (89%)

Yellow (58%)

Blue (26%)

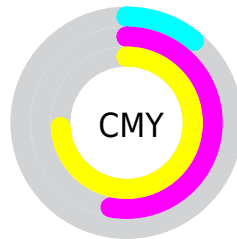


Cyan (0%)

Magenta (47%)

Yellow (70%)

Black (11%)



Cyan (11%)

Magenta (53%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color E27843 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 E27843 by changing the saturation by 10% instead.

 E27843

 E27843

FFFFFF

 C35E2B

 FFAE75

 A54512

 FFCA8F

 872C00

 FFE6AA

 6A1100

 FFFFC6

 4D0000

 FFFFEE

 330001

 030000

 000000

 E27843

 E27843

 E2692C

 E2875A

 E25A16

 E29670

 E24B00

 E2A587

 E2B49D

 E2C3B4

 E2D2CB

 E2E1E1

 E2F1F8

 E2FFFF

Harmonies

Analogous

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



F46671



E27843



BD8D23

Triad

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



E27843



00AD84



7A8DF8

Complementary

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



E27843



43ADE2

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.



009FFD



E27843



00AEBA

Square

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



E27843



49A850



00AAE7



C676D7

Rectangle

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



E27843



9D9921



00AAE7



5194FD

Sweetspot

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



E27843



FFDBC9



E243AD



806A60



000000



808080

Same Dimension

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



E27843



FF7029



E2C843



706965



B03B00



301000

Inverse Universe

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



43ADE2



29B8FF



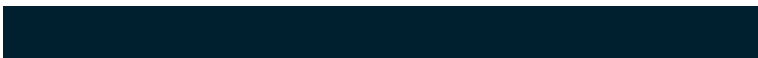
435EE2



656C70



0075B0



002030

Previews

White Background



This preview shows how the Hex color E27843 looks on a white background.

Color Contrast Check

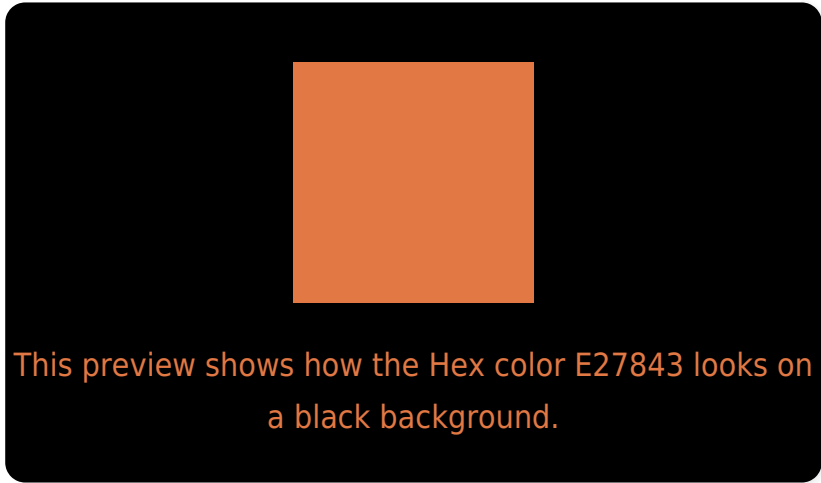
Large Text (above 18pt) WCAG AA ✓ Pass

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

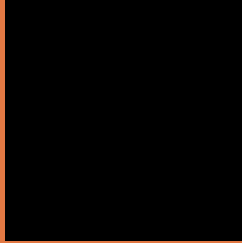
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex E27843 Background



This preview shows how black text looks on a background with the Hex color E27843.



This preview shows how white text looks on a background with the Hex color E27843.

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
E27843

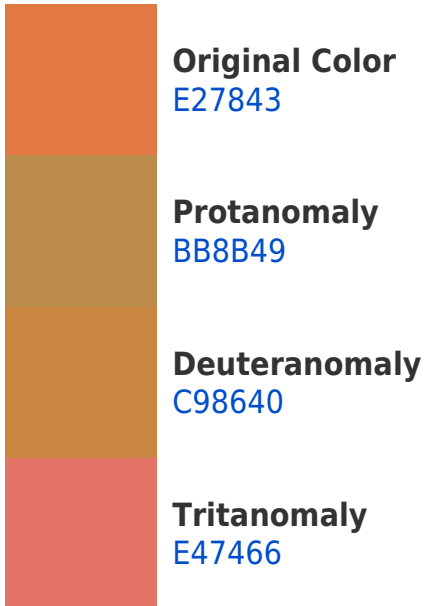
Protanopia
A5964C

Deuteranopia
BA8E3E



Tritanopia
E5727A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E27843 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 #E27843 looks like.

```
.text, #text, p{  
    color:#E27843  
}
```

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 #E27843 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E27843
}
```

Border

The CSS property to change the border of an element to Hex E27843 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
#E27843 }
```

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

```
.border{ border-color:#E27843 }
```

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

Here you see how a box with a 4 pixel #E27843 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E27843; -webkit-box-shadow:4px 4px  
4px 4px #E27843; box-shadow:4px 4px 4px  
4px #E27843 }
```

Background

The CSS property to change the background color of an element to Hex E27843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E27843 }
```

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

```
.background{ background-color:#E27843 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor