

Converting Colors

Hex(E28645)

Have a look what the booklet for
Hex(E28645) contains.

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Color

Hex(E28645)

Conversions

Conversions Part 1

Format	Color
Hex	E28645
RGB	226, 134, 69
RGB Percent	89%, 53%, 27%
CMY	0.1137, 0.4745, 0.7294
CMYK	0.00, 0.41, 0.69, 0.11
HSL	25°, 73%, 58%
HSV	25°, 69%, 89%
XYZ	40.9633, 33.6486, 9.9661
YIQ	154.0980, 75.6970, -0.7110

Conversions

Conversions Part 2

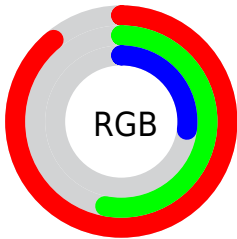
Format	Color
R _Y B	226, 180, 69
Decimal	14845509
CIE Lab	64.68, 29.91, 48.97
CIE LCh	65, 57.385, 58.588
Yxy	33.6486, 0.4843, 0.3978
Android (android.graphics.Color)	4293035589 (0xFFE28645)
YUV	154.0980, -41.9533, 63.0581
Hunter-Lab	58.0074, 24.5390, 30.4188

Details

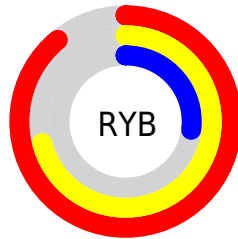
The Hex color **E28645** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **45A1E2**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFBC78**, and **A55312** is the 20% darker color. If you saturate the color by 10%, you get **E2792E**, and if you desaturate by 10%, it is **E2935C**.

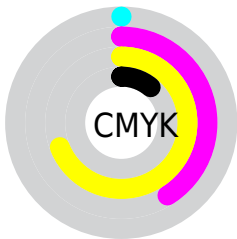
Distribution



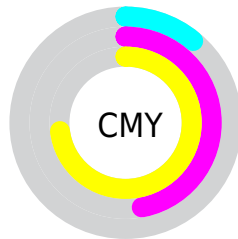
- Red (89%)
- Green (53%)
- Blue (27%)



- Red (89%)
- Yellow (71%)
- Blue (27%)



- Cyan (0%)
- Magenta (41%)
- Yellow (69%)
- Black (11%)



- Cyan (11%)
- Magenta (47%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color E28645 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 E28645 by changing the saturation by 10% instead.

 E28645

 E28645

FFFFFF

 C36C2C

 FFBC78

 A55312

 FFD892

 883B00

 FFF4AD

 6B2300

 FFFFC9

 4E0B00

 FFFFEE

 330000

 110000

 000000

 E28645

 E28645

 E2792E

 E2935C

 E26C18

 E2A072

 E25E01

 E2AE89

 E25E00

 E2BB9F

 E2C8B6

 E2D5CD

 E2E3E3

 E2F0FA

 E2FDFF

Harmonies

Analogous

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



F9746F



E28645



BB992F

Triad

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



E28645



00B699



9A90F7

Complementary

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



E28645



45A1E2

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.



00A3FF



E28645



00B5CD

Square

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



E28645



40B165



00B0F4



D97BD3

Rectangle

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



E28645



9AA434



00B0F4



7B97FE

Sweetspot

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



E28645



FFE0C9



E245A3



806D60



000000



808080

Same Dimension

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



E28645



FF832B



E2D245



706A65



B04900



301400

Inverse Universe

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



45A1E2



2BA7FF



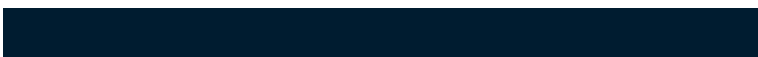
4555E2



656C70



0067B0



001C30

Previews

White Background



This preview shows how the Hex color E28645 looks on a white background.

Color Contrast Check

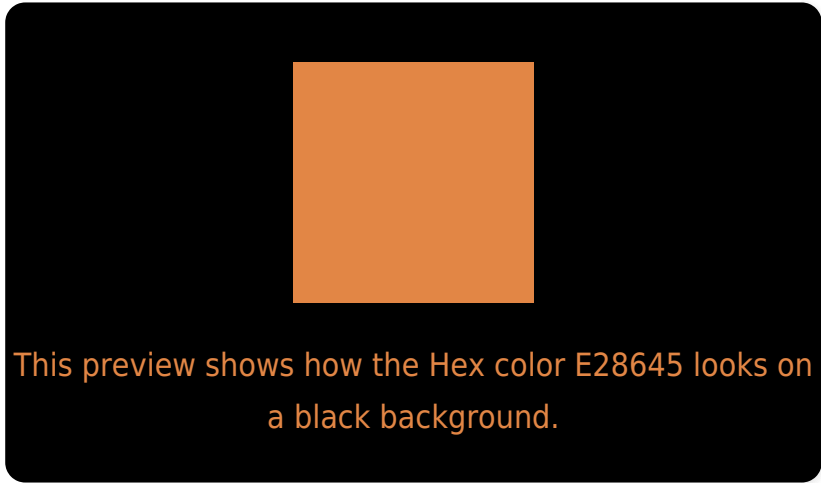
Large Text (above 18pt) WCAG AA × Fail

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

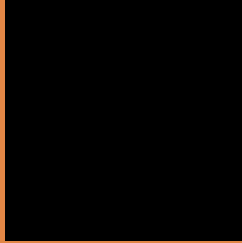
Any Text WCAG AA ✓ Pass

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 E28645 Background



This preview shows how black text looks on a background with the Hex color E28645.



This preview shows how white text looks on a background with the Hex color E28645.

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
E28645

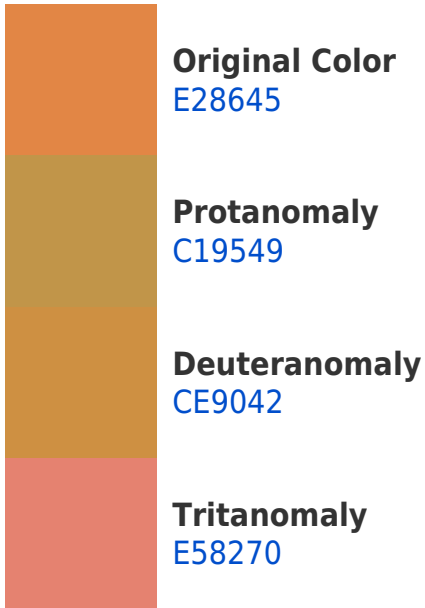
Protanopia
AE9E4C

Deuteranopia
C39641

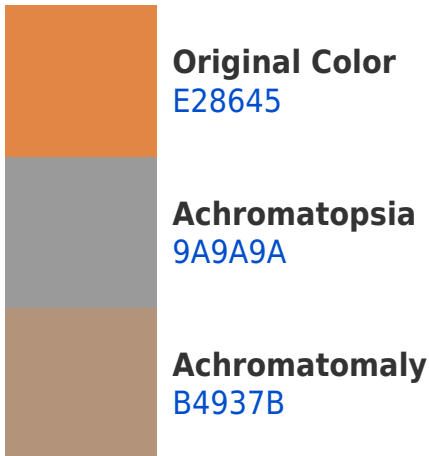


Tritanopia
E67F88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E28645 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 #E28645 looks like.

```
.text, #text, p{  
    color:#E28645  
}
```

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 #E28645 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E28645  
}
```

Border

The CSS property to change the border of an element to Hex E28645 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  
#E28645 }
```

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

```
.border{ border-color:#E28645 }
```

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

Here you see how a box with a 4 pixel #E28645 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E28645; -webkit-box-shadow:4px 4px  
4px 4px #E28645; box-shadow:4px 4px 4px  
4px #E28645 }
```

Background

The CSS property to change the background color of an element to Hex E28645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E28645 }
```

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

```
.background{ background-color:#E28645 }
```

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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