

Converting Colors

Hex(E38845)

Have a look what the booklet for
Hex(E38845) contains.

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Color

Hex(E38845)

Conversions

Conversions Part 1

Format	Color
Hex	E38845
RGB	227, 136, 69
RGB Percent	89%, 53%, 27%
CMY	0.1098, 0.4667, 0.7294
CMYK	0.00, 0.40, 0.70, 0.11
HSL	25°, 74%, 58%
HSV	25°, 70%, 89%
XYZ	41.5569, 34.3689, 10.0738
YIQ	155.5710, 75.7430, -1.5450

Conversions

Conversions Part 2

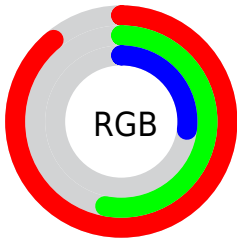
Format	Color
R_{YB}	227, 185, 69
Decimal	14911557
CIE _{Lab}	65.25, 29.26, 49.64
CIE _{LCh}	65, 57.619, 59.482
Yxy	34.3689, 0.4832, 0.3996
Android (android.graphics.Color)	4293101637 (0xFFE38845)
YUV	155.5710, -42.6795, 62.6432
Hunter-Lab	58.6250, 23.9378, 30.8494

Details

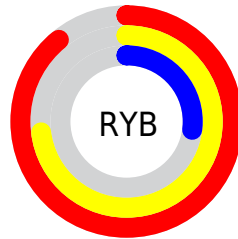
The Hex color **E38845** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **45A0E3**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFBE78**, and **A65512** is the 20% darker color. If you saturate the color by 10%, you get **E37B2E**, and if you desaturate by 10%, it is **E3955C**.

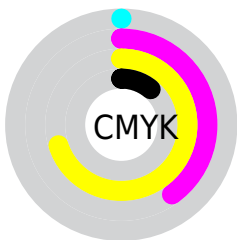
Distribution



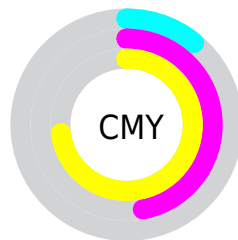
- Red (89%)
- Green (53%)
- Blue (27%)



- Red (89%)
- Yellow (73%)
- Blue (27%)



- Cyan (0%)
- Magenta (40%)
- Yellow (70%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color E38845 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 E38845 by changing the saturation by 10% instead.

 E38845

 E38845

FFFFFF

 C46E2C

 FFBE78

 A65512

 FFDA92

 893D00

 FFF7AE

 6C2600

 FFFFC9

 4F0E00

 FFFFEE

 340000

 140000

 000000

 E38845

 E38845

 E37B2E

 E3955C

 E36E18

 E3A272

 E36101

 E3AF89

 E36000

 E3BCA0

 E3C9B6

 E3D6CD

 E3E4E4

 E3F1FB

 E3FEFF

Harmonies

Analogous

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



FA766F



E38845



BB9B2F

Triad

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



E38845



00B79C



9E91F9

Complementary

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



E38845



45A0E3

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.



04A4FF



E38845



00B7D0

Square

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



E38845



3EB368



00B1F7



DC7CD4

Rectangle

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



E38845



9AA635



00B1F7



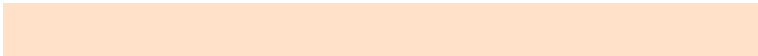
8098FF

Sweetspot

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



E38845



FFE0C9



E345A1



806D60



000000



808080

Same Dimension

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



E38845



FF8429



E3D645



736C67



B34C00



331600

Inverse Universe

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



45A0E3



29A4FF



4552E3



676E73



0067B3



001D33

Previews

White Background



This preview shows how the Hex color E38845 looks on a white background.

Color Contrast Check

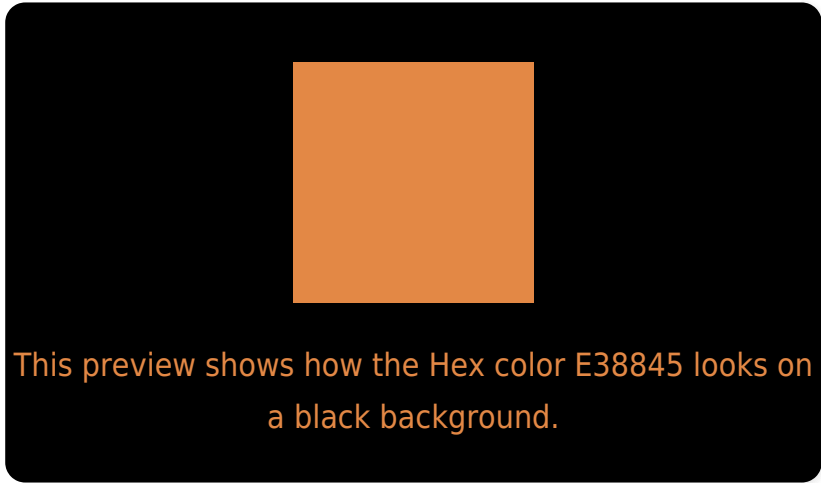
Large Text (above 18pt) WCAG AA × Fail

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

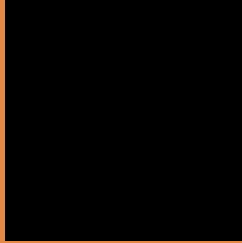
Any Text WCAG AA ✓ Pass

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 E38845 Background



This preview shows how black text looks on a background with the Hex color E38845.



This preview shows how white text looks on a background with the Hex color E38845.

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
E38845

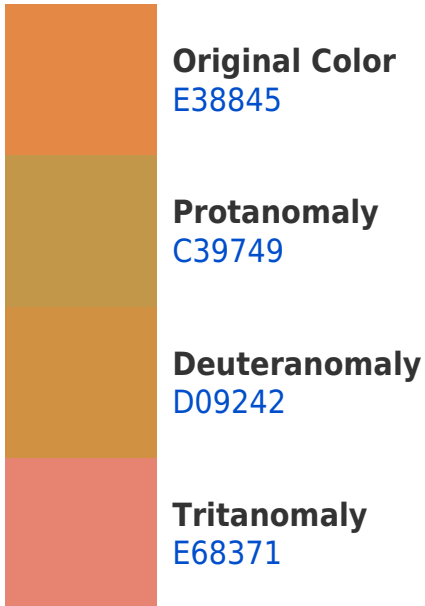
Protanopia
B09F4C

Deuteranopia
C59741



Tritanopia
E7808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E38845 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 #E38845 looks like.

```
.text, #text, p{  
    color:#E38845  
}
```

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 #E38845 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E38845
}
```

Border

The CSS property to change the border of an element to Hex E38845 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
#E38845 }
```

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

```
.border{ border-color:#E38845 }
```

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

Here you see how a box with a 4 pixel #E38845 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E38845; -webkit-box-shadow:4px 4px  
4px 4px #E38845; box-shadow:4px 4px 4px  
4px #E38845 }
```

Background

The CSS property to change the background color of an element to Hex E38845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E38845 }
```

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

```
.background{ background-color:#E38845 }
```

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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