

Converting Colors

Hex(E48643)

Have a look what the booklet for
Hex(E48643) contains.

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Color

Hex(E48643)

Conversions

Conversions Part 1

Format	Color
Hex	E48643
RGB	228, 134, 67
RGB Percent	89%, 53%, 26%
CMY	0.1059, 0.4745, 0.7373
CMYK	0.00, 0.41, 0.71, 0.11
HSL	25°, 75%, 58%
HSV	25°, 71%, 89%
XYZ	41.5331, 33.9494, 9.6740
YIQ	154.4680, 77.5310, -0.9090

Conversions

Conversions Part 2

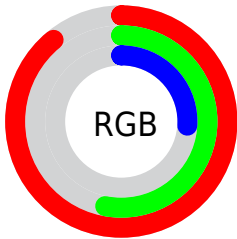
Format	Color
RYB	228, 182, 67
Decimal	14976579
CIELab	64.92, 30.62, 50.28
CIElCh	65, 58.867, 58.659
Yxy	33.9494, 0.4877, 0.3987
Android (android.graphics.Color)	4293166659 (0xFFE48643)
YUV	154.4680, -43.1217, 64.4876
Hunter-Lab	58.2661, 25.2722, 30.9422

Details

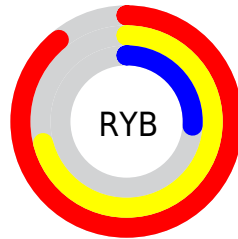
The Hex color **E48643** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **43A1E4**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFBC76**, and **A7530F** is the 20% darker color. If you saturate the color by 10%, you get **E4792C**, and if you desaturate by 10%, it is **E4935A**.

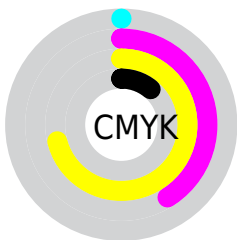
Distribution



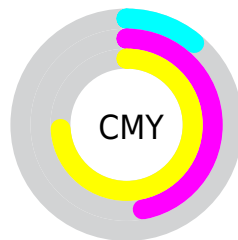
- Red (89%)
- Green (53%)
- Blue (26%)



- Red (89%)
- Yellow (71%)
- Blue (26%)



- Cyan (0%)
- Magenta (41%)
- Yellow (71%)
- Black (11%)



- Cyan (11%)
- Magenta (47%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color E48643 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 E48643 by changing the saturation by 10% instead.

 E48643

 E48643

FFFFFF

 C56C2A

 FFBC76

 A7530F

 FFD890

 893B00

 FFF5AB

 6C2300

 FFFFC7

 500A00

 FFFFE4

 350000

 140000

 000000

 E48643

 E48643

 E4792C

 E4935A

 E46B15

 E4A171

 E45F00

 E4AE87

 E4BB9E

 E4C9B5

 E4D6CC

 E4E3E3

 E4F0F9

 E4FEFF

Harmonies

Analogous

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



FB736E



E48643



BC9A2B

Triad

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



E48643



00B799



9A91FA

Complementary

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



E48643



43A1E4

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.



00A4FF



E48643



00B6CF

Square

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



E48643



3DB364



00B1F7



DB7BD5

Rectangle

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



E48643



9AA531



00B1F7



7B98FF

Sweetspot

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



E48643



FFE0C9



E443A4



806D60



000000



808080

Same Dimension

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



E48643



FF8026



E4D443



736C67



B34A00



331500

Inverse Universe

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



43A1E4



26A5FF



4353E4



676E73



0068B3



001E33

Previews

White Background



This preview shows how the Hex color E48643 looks on a white background.

Color Contrast Check

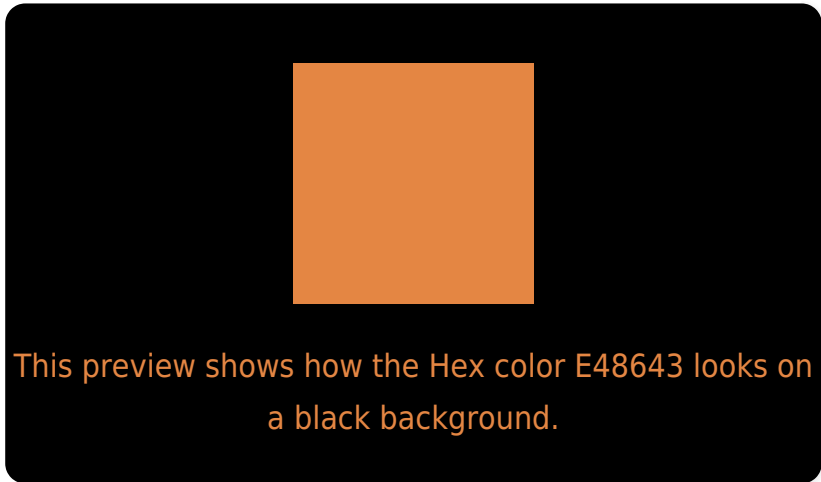
Large Text (above 18pt) WCAG AA × Fail

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

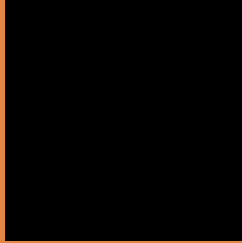
Any Text WCAG AA ✓ Pass

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 E48643 Background



This preview shows how black text looks on a background with the Hex color E48643.



This preview shows how white text looks on a background with the Hex color E48643.

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
E48643

Protanopia
AF9E4A

Deuteranopia
C5963F



Tritanopia
E87E88

Trichromacy



Original Color
E48643

Protanomaly
C29547

Deuteranomaly
D09040

Tritanomaly
E7816F

Monochromacy



Original Color
E48643

Achromatopsia
9A9A9A

Achromatomaly
B5937A

CSS Examples

Text

The CSS property to change the color of the text to Hex E48643 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 #E48643 looks like.

```
.text, #text, p{  
    color:#E48643  
}
```

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 #E48643 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E48643
}
```

Border

The CSS property to change the border of an element to Hex E48643 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
#E48643 }
```

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

```
.border{ border-color:#E48643 }
```

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

Here you see how a box with a 4 pixel #E48643 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E48643; -webkit-box-shadow:4px 4px  
4px 4px #E48643; box-shadow:4px 4px 4px  
4px #E48643 }
```

Background

The CSS property to change the background color of an element to Hex E48643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E48643 }
```

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

```
.background{ background-color:#E48643 }
```

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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