

Converting Colors

Hex(E3834A)

Have a look what the booklet for
Hex(E3834A) contains.

Hex(E3834A)	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(E3834A)

Conversions

Conversions Part 1

Format	Color
Hex	E3834A
RGB	227, 131, 74
RGB Percent	89%, 51%, 29%
CMY	0.1098, 0.4863, 0.7098
CMYK	0.00, 0.42, 0.67, 0.11
HSL	22°, 73%, 59%
HSV	22°, 67%, 89%
XYZ	41.0309, 33.0579, 10.6968
YIQ	153.2060, 75.5130, 2.6250

Conversions

Conversions Part 2

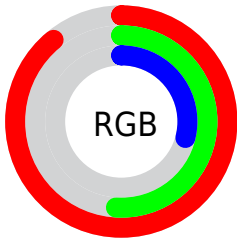
Format	Color
RYB	227, 165, 74
Decimal	14910282
CIELab	64.21, 32.16, 46.00
CIElCh	64, 56.133, 55.042
Yxy	33.0579, 0.4839, 0.3899
Android (android.graphics.Color)	4293100362 (0xFFE3834A)
YUV	153.2060, -39.0486, 64.7173
Hunter-Lab	57.4960, 26.7650, 29.2166

Details

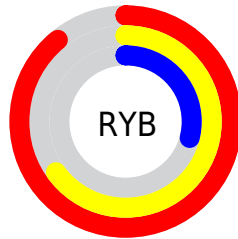
The Hex color **E3834A** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **4AAAE3**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFB97D**, and **A65019** is the 20% darker color. If you saturate the color by 10%, you get **E37533**, and if you desaturate by 10%, it is **E39161**.

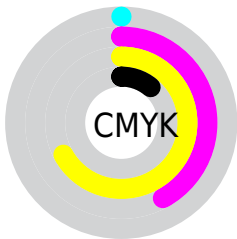
Distribution



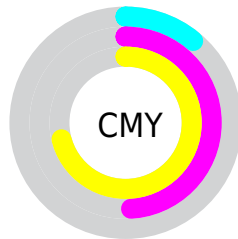
- Red (89%)
- Green (51%)
- Blue (29%)



- Red (89%)
- Yellow (65%)
- Blue (29%)



- Cyan (0%)
- Magenta (42%)
- Yellow (67%)
- Black (11%)



- Cyan (11%)
- Magenta (49%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color E3834A 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 E3834A by changing the saturation by 10% instead.

 E3834A

 E3834A

FFFFFF

 C46932

 FFB97D

 A65019

 FFD597

 893800

 FFF1B2


 6C2000

 FFFFCE

 4F0500

 FFFFEB

 340000

 110000

 000000

 E3834A

 E3834A

 E37533

 E39161

 E3671D

 E39F77

 E35806

 E3AE8E

 E35500

 E3BCA5

 E3CABC

 E3D8D2

 E3E7E9

 E3F5FF

 E3FFFF

Harmonies

Analogous

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



F77274



E3834A



BE9631

Triad

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



E3834A



00B491



8F92F7

Complementary

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



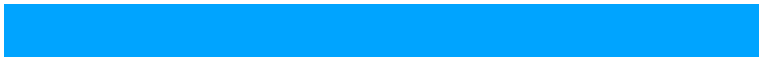
E3834A



4AAAE3

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



E3834A



00B4C5

Square

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



E3834A



4DAF60



00AFED



D17DD6

Rectangle

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



E3834A



9FA133



00AFED



6F98FD

Sweetspot

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



E3834A



FFDFCC



E34AAB



806C61



000000



808080

Same Dimension

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



E3834A



FF7D30



E3CF4A



736C67



B34300



331300

Inverse Universe

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



4AAAE3



30B2FF



4A5EE3



676E73



0070B3



002033

Previews

White Background



This preview shows how the Hex color E3834A looks on a white background.

Color Contrast Check

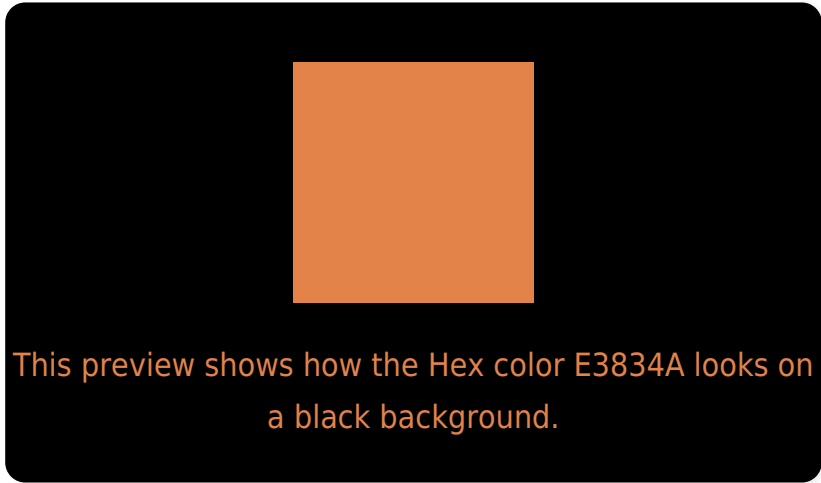
Large Text (above 18pt) WCAG AA × Fail

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

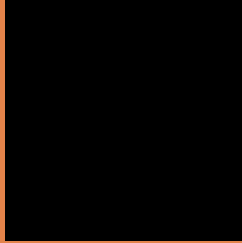
Any Text WCAG AA ✓ Pass

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 E3834A Background



This preview shows how black text looks on a background with the Hex color E3834A.

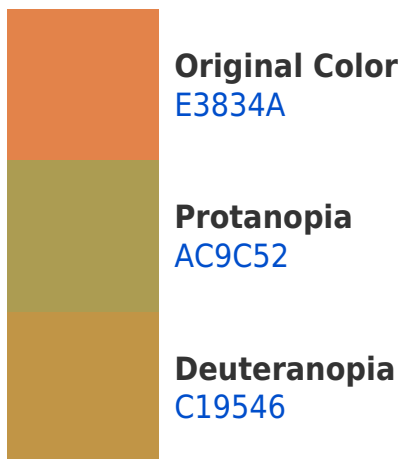


This preview shows how white text looks on a background with the Hex color E3834A.

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](#).

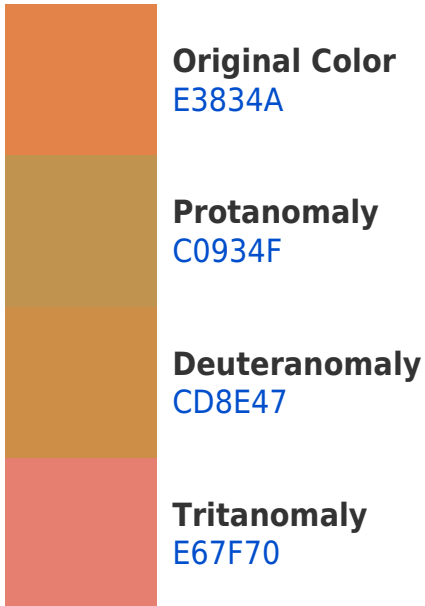
Dichromacy



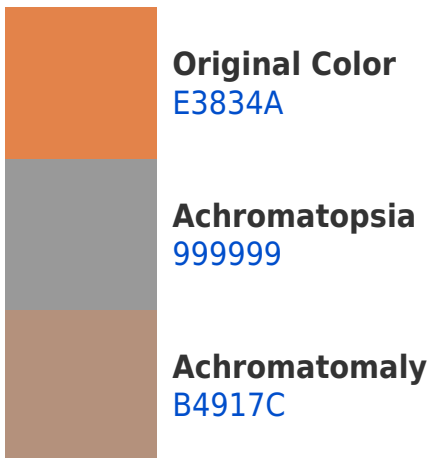


Tritanopia
E77C85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E3834A 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 #E3834A looks like.

```
.text, #text, p{  
    color:#E3834A  
}
```

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 #E3834A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3834A
}
```

Border

The CSS property to change the border of an element to Hex E3834A 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
#E3834A }
```

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

```
.border{ border-color:#E3834A }
```

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

Here you see how a box with a 4 pixel #E3834A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3834A; -webkit-box-shadow:4px 4px  
4px 4px #E3834A; box-shadow:4px 4px 4px  
4px #E3834A }
```

Background

The CSS property to change the background color of an element to Hex E3834A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3834A }
```

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

```
.background{ background-color:#E3834A }
```

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