

# Converting Colors

Hex(E3844E)

Have a look what the booklet for  
Hex(E3844E) contains.

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# **Color**

**Hex(E3844E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3844E
RGB	227, 132, 78
RGB Percent	89%, 52%, 31%
CMY	0.1098, 0.4824, 0.6941
CMYK	0.00, 0.42, 0.66, 0.11
HSL	22°, 73%, 60%
HSV	22°, 66%, 89%
XYZ	41.3050, 33.3835, 11.4744
YIQ	154.2490, 73.9540, 3.3460

# Conversions

## Conversions Part 2

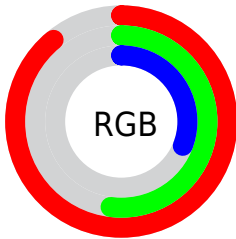
Format	Color
<a href="#">RYB</a>	<a href="#">227, 163, 78</a>
Decimal	<a href="#">14910542</a>
CIELab	<a href="#">64.47, 31.87, 44.27</a>
CIElCh	<a href="#">64, 54.552, 54.251</a>
Yxy	<a href="#">33.3835, 0.4794, 0.3874</a>
Android (android.graphics.Color)	<a href="#">4293100622</a> <a href="#">(0xFFE3844E)</a>
YUV	<a href="#">154.2490, -37.5908, 63.8026</a>
Hunter-Lab	<a href="#">57.7784, 26.4948, 28.6703</a>

# Details

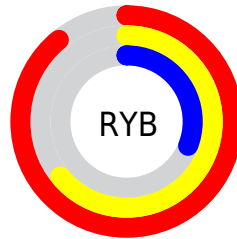
The Hex color **E3844E** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **4EAEDE3**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFBA81**, and **A7511E** is the 20% darker color. If you saturate the color by 10%, you get **E37637**, and if you desaturate by 10%, it is **E39265**.

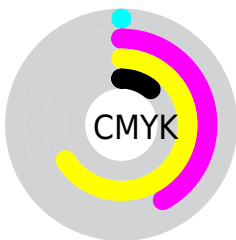
# Distribution



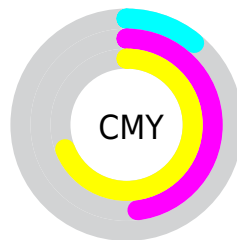
- Red (89%)
- Green (52%)
- Blue (31%)



- Red (89%)
- Yellow (64%)
- Blue (31%)



- Cyan (0%)
- Magenta (42%)
- Yellow (66%)
- Black (11%)



- Cyan (11%)
- Magenta (48%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3844E 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 E3844E by changing the saturation by 10% instead.



 E3844E

 E3844E

FFFFFF

 C56A36

 FFBA81

 A7511E

 FFD69B

 893903

 FFF3B6

 6C2100

 FFFFD2

 500600

 FFFFEF

 350000

 130000

 000000

 E3844E

 E3844E

 E37637

 E39265

 E36721

 E3A17B

 E3590A

 E3AF92

 E35200

 E3BEA9

 E3CCC0

 E3DBD6

 E3E9ED

 E3F8FF

 E3FFFF

# Harmonies

## Analogous

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



F57477



E3844E



BF9736

# Triad

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



E3844E



00B491



8F93F5

# Complementary

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



E3844E



4EADE3

# 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.



00A4FD



E3844E



00B4C3

# Square

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



E3844E



53AF61



00AFEB



CF7FD6

# Rectangle

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



E3844E



A1A137



00AFEB



709AFB

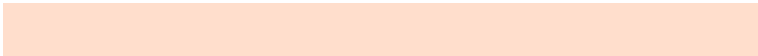


# Sweetspot

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



E3844E



FFDECC



E34EAF



806C61



000000



808080



# Same Dimension

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



E3844E



FF7F36



E3CD4E



736B67



B34100



331200



# Inverse Universe

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



4EADE3



36B6FF



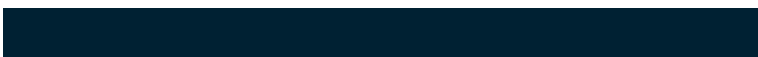
4E64E3



676F73



0072B3



002133



# Previews

## White Background



This preview shows how the Hex color E3844E looks on a white background.

## Color Contrast Check

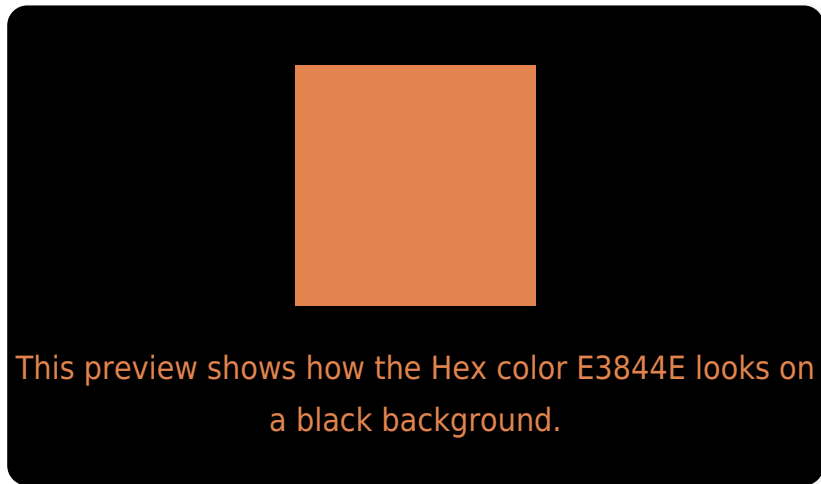
Large Text (above 18pt) WCAG AA × Fail

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

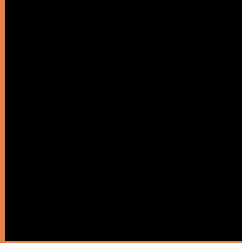
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E3844E Background



This preview shows how black text looks on a background with the Hex color E3844E.

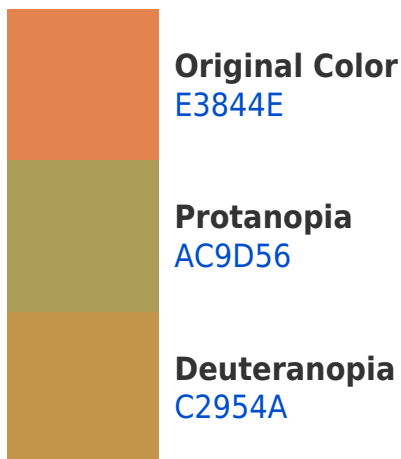


This preview shows how white text looks on a background with the Hex color E3844E.

# 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](#).

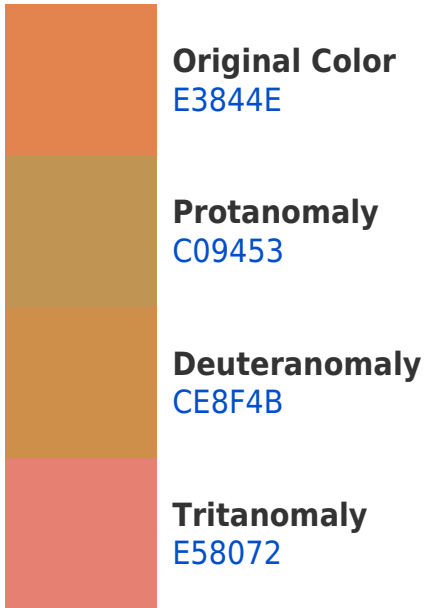
## Dichromacy



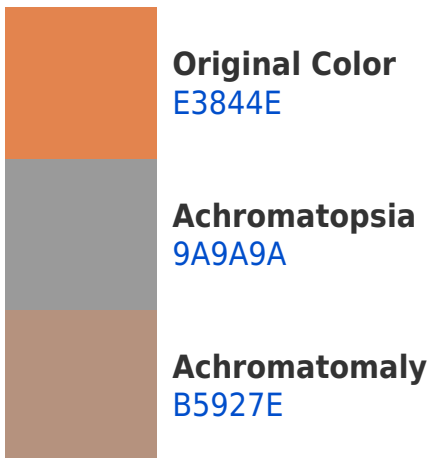


**Tritanopia**  
E67D86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3844E 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 #E3844E looks like.

```
.text, #text, p{  
    color:#E3844E  
}
```

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 #E3844E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3844E
}
```

## Border

The CSS property to change the border of an element to Hex E3844E 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
#E3844E }
```

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

```
.border{ border-color:#E3844E }
```

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

Here you see how a box with a 4 pixel #E3844E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3844E; -webkit-box-shadow:4px 4px  
4px 4px #E3844E; box-shadow:4px 4px 4px  
4px #E3844E }
```

# Background

The CSS property to change the background color of an element to Hex E3844E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3844E }
```

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

```
.background{ background-color:#E3844E }
```

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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