

# Converting Colors

Hex(E68854)

Have a look what the booklet for  
Hex(E68854) contains.

<b>Hex(E68854)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(E68854)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E68854
RGB	230, 136, 84
RGB Percent	90%, 53%, 33%
CMY	0.0980, 0.4667, 0.6706
CMYK	0.00, 0.41, 0.63, 0.10
HSL	21°, 74%, 62%
HSV	21°, 63%, 90%
XYZ	43.0375, 35.0714, 12.8886
YIQ	158.1780, 72.7160, 3.7560

# Conversions

## Conversions Part 2

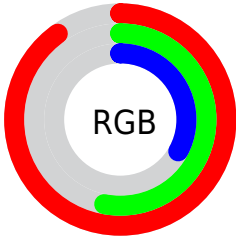
Format	Color
R <sub>Y</sub> B	230, 165, 84
Decimal	15108180
CIE Lab	65.80, 31.34, 42.84
CIE LCh	66, 53.083, 53.810
Yxy	35.0714, 0.4730, 0.3854
Android (android.graphics.Color)	4293298260 (0xFFE68854)
YUV	158.1780, -36.5698, 62.9879
Hunter-Lab	59.2211, 26.0836, 28.5512

# Details

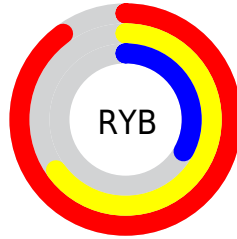
The Hex color **E68854** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **54B2E6**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFBE87**, and **AA5524** is the 20% darker color. If you saturate the color by 10%, you get **E6793D**, and if you desaturate by 10%, it is **E6976B**.

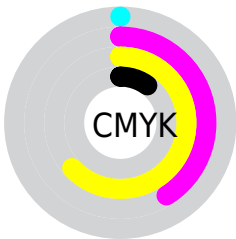
# Distribution



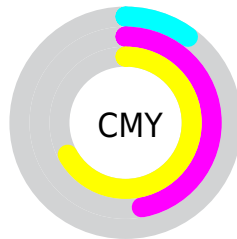
- Red (90%)
- Green (53%)
- Blue (33%)



- Red (90%)
- Yellow (65%)
- Blue (33%)



- Cyan (0%)
- Magenta (41%)
- Yellow (63%)
- Black (10%)



- Cyan (10%)
- Magenta (47%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E68854 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 E68854 by changing the saturation by 10% instead.



 E68854

 E68854

FFFFFF

 C86E3C

 FFBE87

 AA5524

 FFDAA2

 8C3D0B

 FFF7BD

 702500

 FFFFD9

 530B00

 FFFFF6

 370000

 1A0001

 000000

 E68854

 E68854

 E6793D

 E6976B

 E66A26

 E6A682

 E65C0F

 E6B499

 E65200

 E6C3B0

 E6D2C7

 E6E1DE

 E6F0F5

 E6FEFF

 E6FFFF

# Harmonies

## Analogous

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



F8797C



E68854



C39A3D

# Triad

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



E68854



00B794



9297F7

# Complementary

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



E68854



54B2E6

# 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.



00A8FE



E68854



00B7C5

# Square

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



E68854



5BB265



00B3EC



D184D9

# Rectangle

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



E68854



A6A43E



00B3EC



759DFC

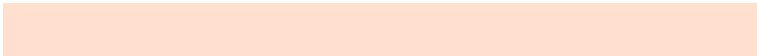


# Sweetspot

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



E68854



FFE0CF



E654B3



806D62



000000



808080



# Same Dimension

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



E68854



FF823D



E6D054



736B67



B34000



331200



# Inverse Universe

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



54B2E6



3DBAFF



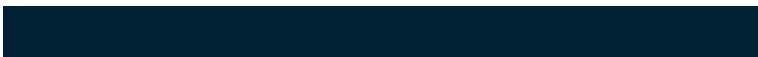
546AE6



676F73



0073B3



002133



# Previews

## White Background



This preview shows how the Hex color E68854 looks on a white background.

## Color Contrast Check

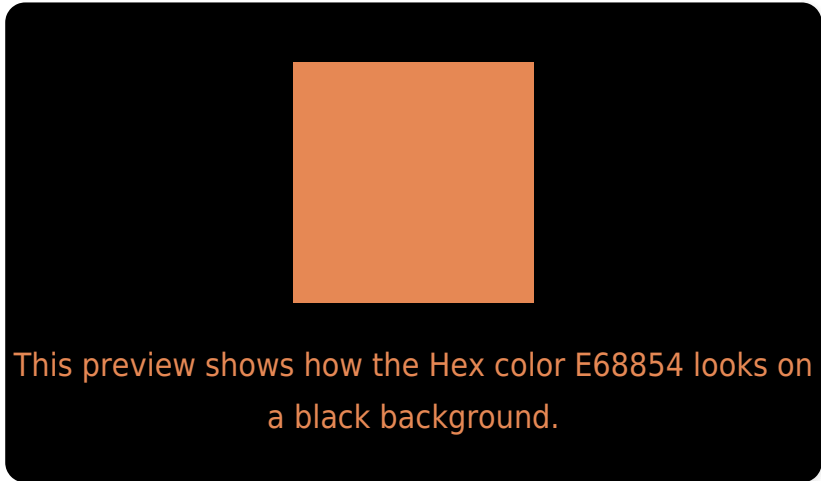
Large Text (above 18pt) WCAG AA × Fail

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 E68854 Background



This preview shows how black text looks on a background with the Hex color E68854.



This preview shows how white text looks on a background with the Hex color E68854.

# 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**  
E68854

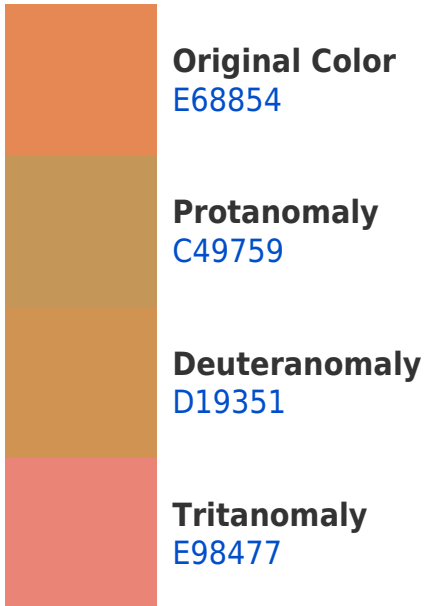
**Protanopia**  
B0A05C

**Deuteranopia**  
C59950



**Tritanopia**  
EA818B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E68854 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 #E68854 looks like.

```
.text, #text, p{  
    color:#E68854  
}
```

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 #E68854 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E68854  
}
```

## Border

The CSS property to change the border of an element to Hex E68854 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  
#E68854 }
```

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

```
.border{ border-color:#E68854 }
```

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

Here you see how a box with a 4 pixel #E68854 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E68854; -webkit-box-shadow:4px 4px  
4px 4px #E68854; box-shadow:4px 4px 4px  
4px #E68854 }
```

# Background

The CSS property to change the background color of an element to Hex E68854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E68854 }
```

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

```
.background{ background-color:#E68854 }
```

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