

# Converting Colors

Hex(E8945A)

Have a look what the booklet for  
Hex(E8945A) contains.

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**Color**

**Hex(E8945A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E8945A
RGB	232, 148, 90
RGB Percent	91%, 58%, 35%
CMY	0.0902, 0.4196, 0.6471
CMYK	0.00, 0.36, 0.61, 0.09
HSL	25°, 76%, 63%
HSV	25°, 61%, 91%
XYZ	45.7141, 39.0738, 14.8055
YIQ	166.5040, 68.6820, -0.2300

# Conversions

## Conversions Part 2

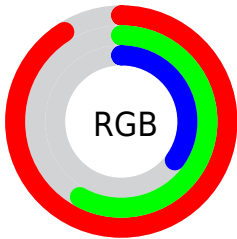
Format	Color
R <sub>Y</sub> B	232, 188, 90
Decimal	15242330
CIE Lab	68.80, 26.21, 43.37
CIE LCh	69, 50.675, 58.853
Yxy	39.0738, 0.4590, 0.3923
Android (android.graphics.Color)	4293432410 (0xFFE8945A)
YUV	166.5040, -37.7165, 57.4400
Hunter-Lab	62.5090, 21.1497, 29.7133

# Details

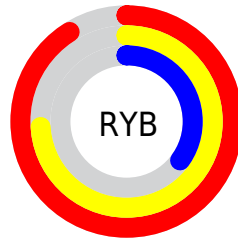
The Hex color **E8945A** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **5AAEE8**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFCA8D**, and **AC6129** is the 20% darker color. If you saturate the color by 10%, you get **E88643**, and if you desaturate by 10%, it is **E8A271**.

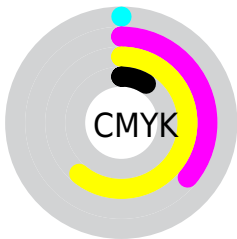
# Distribution



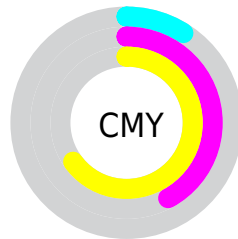
- Red (91%)
- Green (58%)
- Blue (35%)



- Red (91%)
- Yellow (74%)
- Blue (35%)



- Cyan (0%)
- Magenta (36%)
- Yellow (61%)
- Black (9%)



- Cyan (9%)
- Magenta (42%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E8945A 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 E8945A by changing the saturation by 10% instead.



 E8945A

 E8945A

FFFFFF

 CA7A41

 FFCA8D

 AC6129

 FFE7A8

 8F4810

 FFFFC4

 723100

 FFFFEE

 561A00

FFFFFFD

 3B0300

 230001

 000000

 E8945A

 E8945A

 E88643

 E8A271

 E8792C

 E8AF88

 E86B14

 E8BDA0

 E85F00

 E8CBB7

 E8D9CE

 E8E6E5

 E8F4FC

 E8FFFF

# Harmonies

## Analogous

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



FC857E



E8945A



C4A549

# Triad

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



E8945A



00BFA5



A89DF8

# Complementary

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



E8945A



5AAEE8

# 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.



4DADFF



E8945A



00BED3

# Square

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



E8945A



5CBB77



00B9F5



DF8BD8

# Rectangle

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



E8945A



A7AE4D



00B9F5



8FA3FF



# Sweetspot

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



E8945A



FFE4D1



E85AAF



806F63



000000



808080



# Same Dimension

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



E8945A



FF9145



E8DA5A



736C67



B34900



331500



# Inverse Universe

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



5AAEE8



45B3FF



5A68E8



676E73



006AB3

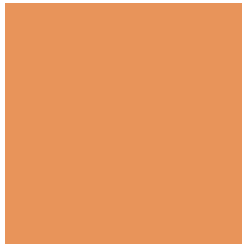


001E33



# Previews

## White Background



This preview shows how the Hex color E8945A looks on a white background.

## Color Contrast Check

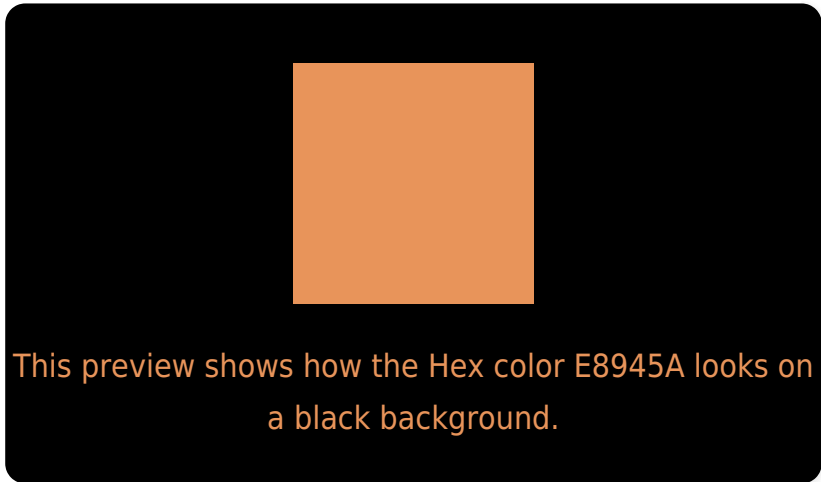
Large Text (above 18pt) WCAG AA × Fail

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

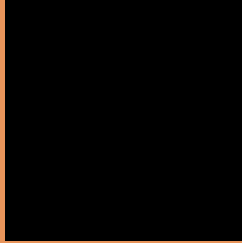
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E8945A Background



This preview shows how black text looks on a background with the Hex color E8945A.



This preview shows how white text looks on a background with the Hex color E8945A.

# 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**  
E8945A

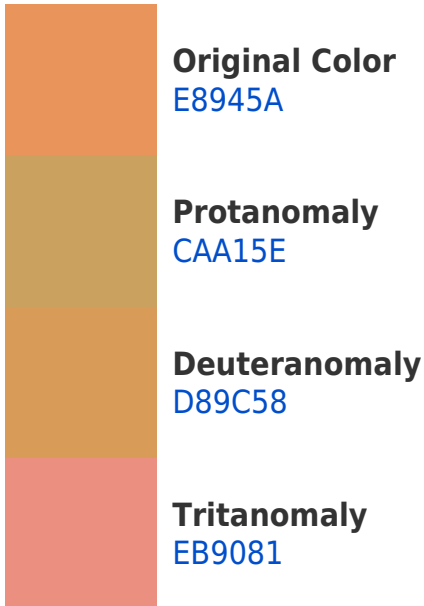
**Protanopia**  
B9A861

**Deuteranopia**  
CFA057

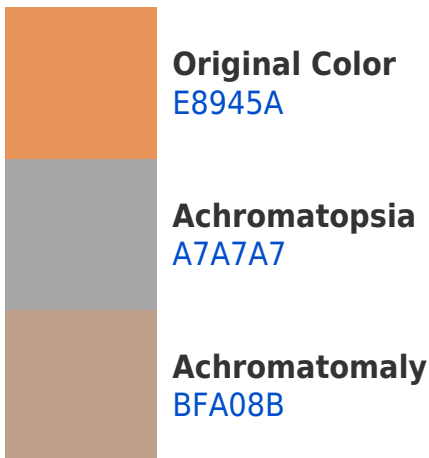


**Tritanopia**  
EC8D97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E8945A 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 #E8945A looks like.

```
.text, #text, p{  
    color:#E8945A  
}
```

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 #E8945A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8945A
}
```

## Border

The CSS property to change the border of an element to Hex E8945A 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
#E8945A }
```

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

```
.border{ border-color:#E8945A }
```

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

Here you see how a box with a 4 pixel #E8945A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8945A; -webkit-box-shadow:4px 4px  
4px 4px #E8945A; box-shadow:4px 4px 4px  
4px #E8945A }
```

# Background

The CSS property to change the background color of an element to Hex E8945A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8945A }
```

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

```
.background{ background-color:#E8945A }
```

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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