

# Converting Colors

Hex(E8894F)

Have a look what the booklet for  
Hex(E8894F) contains.

<b>Hex(E8894F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(E8894F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8894F
RGB	232, 137, 79
RGB Percent	91%, 54%, 31%
CMY	0.0902, 0.4627, 0.6902
CMYK	0.00, 0.41, 0.66, 0.09
HSL	23°, 77%, 61%
HSV	23°, 66%, 91%
XYZ	43.6357, 35.6116, 11.9710
YIQ	158.7930, 75.2380, 2.1020

# Conversions

## Conversions Part 2

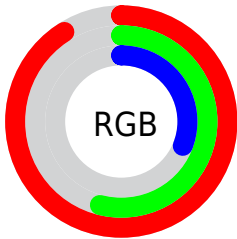
<b>Format</b>	<b>Color</b>
<b>RYB</b>	232, 172, 79
Decimal	15239503
CIELab	66.22, 31.31, 45.95
CIELCh	66, 55.605, 55.727
Yxy	35.6116, 0.4784, 0.3904
Android (android.graphics.Color)	4293429583 (0xFFE8894F)
YUV	158.7930, -39.3379, 64.2025
Hunter-Lab	59.6755, 26.0899, 29.8792

# Details

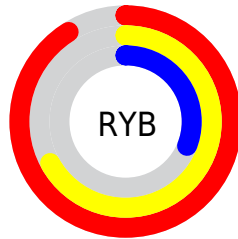
The Hex color **E8894F** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **4FAEE8**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFBF82**, and **AB561E** is the 20% darker color. If you saturate the color by 10%, you get **E87B38**, and if you desaturate by 10%, it is **E89766**.

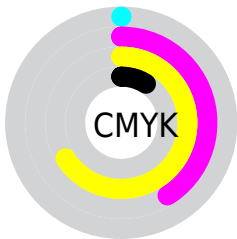
# Distribution



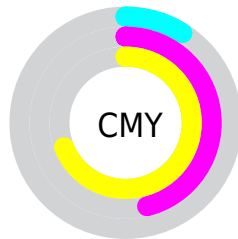
- Red (91%)
- Green (54%)
- Blue (31%)



- Red (91%)
- Yellow (67%)
- Blue (31%)



- Cyan (0%)
- Magenta (41%)
- Yellow (66%)
- Black (9%)



- Cyan (9%)
- Magenta (46%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E8894F 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 E8894F by changing the saturation by 10% instead.



 E8894F

 E8894F

FFFFFF

 C96F37

 FFBF82

 AB561E

 FFDB9D

 8E3E03

 FFF8B8

 712600

 FFFFD4

 540D00

 FFFFF1

 380000

 1C0001

 000000

 E8894F

 E8894F

 E87B38

 E89766

 E86C21

 E8A67D

 E85E09

 E8B495

 E85800

 E8C3AC

 E8D1C3

 E8DFDA

 E8EEF1

 E8FCFF

 E8FFFF

# Harmonies

## Analogous

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



FC7978



E8894F



C39C38

# Triad

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



E8894F



00B998



9797FB

# Complementary

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



E8894F



4FAEE8

# 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.



00A9FF



E8894F



00B9CB

# Square

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



E8894F



52B566



00B4F3



D782DA

# Rectangle

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



E8894F



A4A73A



00B4F3



799DFF



# Sweetspot

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



E8894F



FFDFCC



E84FB0



806D61



000000



808080



# Same Dimension

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



E8894F



FF8236



E8D44F



736C67



B34400



331300



# Inverse Universe

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



4FAEE8



36B3FF



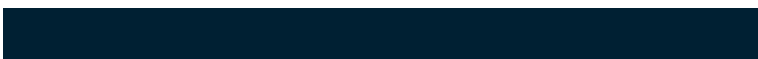
4F63E8



676E73



006FB3



002033



# Previews

## White Background



This preview shows how the Hex color E8894F looks on a white background.

## Color Contrast Check

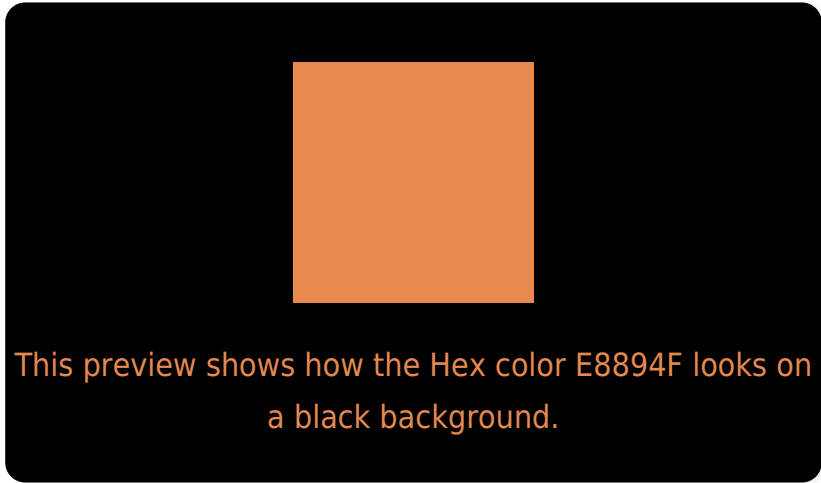
Large Text (above 18pt) WCAG AA × Fail

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 E8894F Background



This preview shows how black text looks on a background with the Hex color E8894F.



This preview shows how white text looks on a background with the Hex color E8894F.

# 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**  
E8894F

**Protanopia**  
B2A257

**Deuteranopia**  
C79A4B



**Tritanopia**  
EC828B

# Trichromacy



**Original Color**  
E8894F

**Protanomaly**  
C69954

**Deuteranomaly**  
D3944C

**Tritanomaly**  
EB8575

# Monochromacy



**Original Color**  
E8894F

**Achromatopsia**  
9F9F9F

**Achromatomaly**  
BA9782

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E8894F 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 #E8894F looks like.

```
.text, #text, p{  
    color:#E8894F  
}
```

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 #E8894F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8894F
}
```

## Border

The CSS property to change the border of an element to Hex E8894F 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
#E8894F }
```

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

```
.border{ border-color:#E8894F }
```

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

Here you see how a box with a 4 pixel #E8894F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8894F; -webkit-box-shadow:4px 4px  
4px 4px #E8894F; box-shadow:4px 4px 4px  
4px #E8894F }
```

# Background

The CSS property to change the background color of an element to Hex E8894F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8894F }
```

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

```
.background{ background-color:#E8894F }
```

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