

# Converting Colors

Hex(E7943F)

Have a look what the booklet for  
Hex(E7943F) contains.

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**Color**

**Hex(E7943F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E7943F
RGB	231, 148, 63
RGB Percent	91%, 58%, 25%
CMY	0.0941, 0.4196, 0.7529
CMYK	0.00, 0.36, 0.73, 0.09
HSL	30°, 78%, 58%
HSV	30°, 73%, 91%
XYZ	44.4421, 38.5276, 9.7968
YIQ	163.1270, 76.7530, -8.8390

# Conversions

## Conversions Part 2

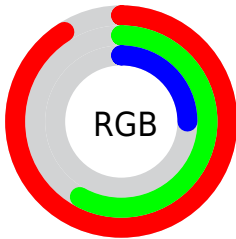
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	227, 231, 63
Decimal	15176767
CIE <sub>Lab</sub>	68.41, 24.25, 55.91
CIE <sub>LCh</sub>	68, 60.945, 66.548
Yxy	38.5276, 0.4791, 0.4153
Android (android.graphics.Color)	4293366847 (0xFFE7943F)
YUV	163.1270, -49.3626, 59.5246
Hunter-Lab	62.0706, 19.1811, 34.0915

# Details

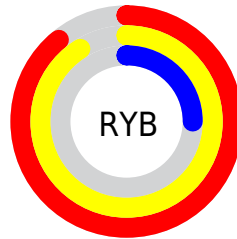
The Hex color **E7943F** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **3F92E7**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFCA73**, and **AA6103** is the 20% darker color. If you saturate the color by 10%, you get **E78928**, and if you desaturate by 10%, it is **E79F56**.

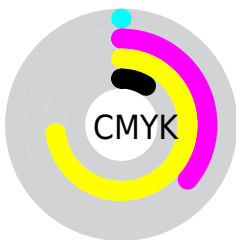
# Distribution



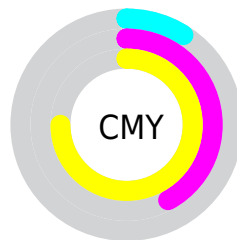
- Red (91%)
- Green (58%)
- Blue (25%)



- Red (89%)
- Yellow (91%)
- Blue (25%)



- Cyan (0%)
- Magenta (36%)
- Yellow (73%)
- Black (9%)



- Cyan (9%)
- Magenta (42%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7943F 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 E7943F by changing the saturation by 10% instead.



 E7943F

 E7943F

FFFFFF

 C87A25

 FFCA73

 AA6103

 FFE68E

 8D4900

 FFFFA9

 703200

 FFFFC5

 531B00

 FFFFEE

 380500

 1F0001

 000000

 E7943F

 E7943F

 E78928

 E79F56

 E77D11

 E7AB6D

 E77500

 E7B684

 E7C29B

 E7CDB3

 E7D8CA

 E7E4E1

 E7EFF8

 E7FBFF

# Harmonies

## Analogous

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



FF7F68



E7943F



B9A82F

# Triad

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



E7943F



00C2B2



B993FF

# Complementary

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



E7943F



3F92E7

# 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.



4BA9FF



E7943F



00C0E7

# Square

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



E7943F



12BE79



00B8FF



F37DD4

# Rectangle

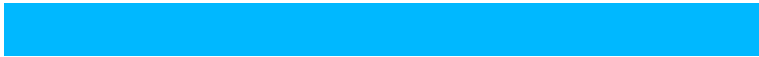
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E7943F



94B23D



00B8FF



9D9BFF



# Sweetspot

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



E7943F



FFE3C7



E73F93



806F5E



000000



808080



# Same Dimension

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



E7943F



FF9121



E7E73F



736D67



B35A00



331A00



# Inverse Universe

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



3F92E7



218FFF



3F3FE7



676D73



0058B3



001933



# Previews

## White Background



This preview shows how the Hex color E7943F looks on a white background.

## Color Contrast Check

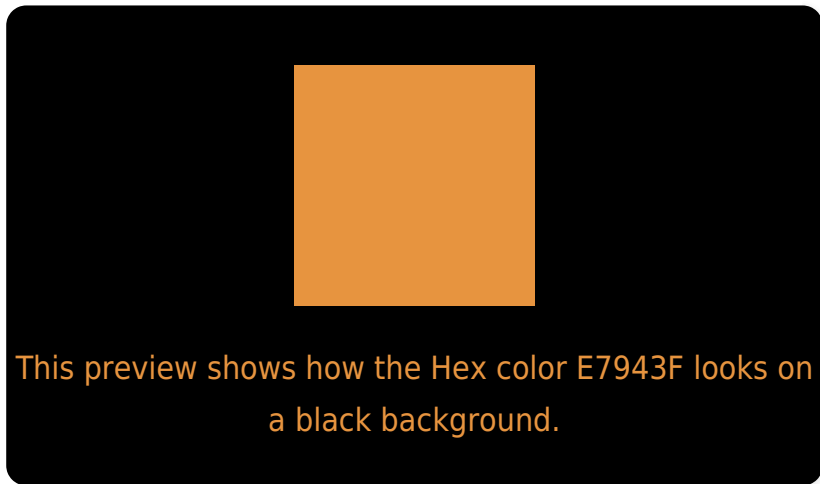
Large Text (above 18pt) WCAG AA × Fail

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 E7943F Background



This preview shows how black text looks on a background with the Hex color E7943F.



This preview shows how white text looks on a background with the Hex color E7943F.

# 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](#).

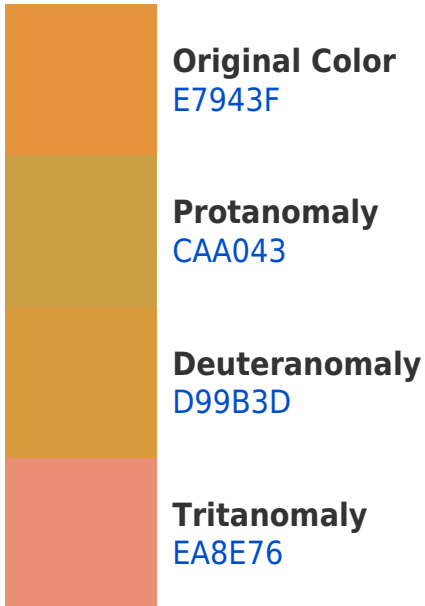
## Dichromacy





**Tritanopia**  
EC8B95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7943F 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 #E7943F looks like.

```
.text, #text, p{  
    color:#E7943F  
}
```

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 #E7943F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7943F
}
```

## Border

The CSS property to change the border of an element to Hex E7943F 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
#E7943F }
```

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

```
.border{ border-color:#E7943F }
```

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

Here you see how a box with a 4 pixel #E7943F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7943F; -webkit-box-shadow:4px 4px  
4px 4px #E7943F; box-shadow:4px 4px 4px  
4px #E7943F }
```

# Background

The CSS property to change the background color of an element to Hex E7943F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7943F }
```

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

```
.background{ background-color:#E7943F }
```

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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