

# Converting Colors

Hex(EF754A)

Have a look what the booklet for  
Hex(EF754A) contains.

<b>Hex(EF754A)</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(E E754A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EE754A
RGB	238, 117, 74
RGB Percent	93%, 46%, 29%
CMY	0.0667, 0.5412, 0.7098
CMYK	0.00, 0.51, 0.69, 0.07
HSL	16°, 83%, 61%
HSV	16°, 69%, 93%
XYZ	42.8572, 31.3941, 10.2794
YIQ	148.2770, 85.9190, 12.2790

# Conversions

## Conversions Part 2

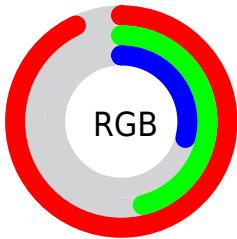
Format	Color
R <sub>Y</sub> B	238, 132, 74
Decimal	15627594
CIE Lab	62.84, 43.59, 44.86
CIE LCh	63, 62.550, 45.824
Yxy	31.3941, 0.5070, 0.3714
Android (android.graphics.Color)	4293817674 (0xFFEE754A)
YUV	148.2770, -36.6186, 78.6871
Hunter-Lab	56.0305, 38.4798, 28.3439

# Details

The Hex color **EE754A** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **4AC3EE**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FFAB7C**, and **B0411A** is the 20% darker color. If you saturate the color by 10%, you get **EE6332**, and if you desaturate by 10%, it is **EE8762**.

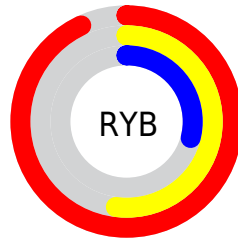
# Distribution



Red (93%)

Green (46%)

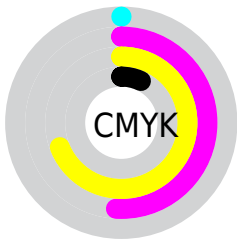
Blue (29%)



Red (93%)

Yellow (52%)

Blue (29%)

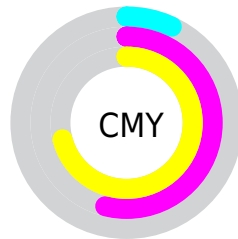


Cyan (0%)

Magenta (51%)

Yellow (69%)

Black (7%)



Cyan (7%)

Magenta (54%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EE754A 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 EE754A by changing the saturation by 10% instead.



 EE754A

 EE754A

FFFFFF

 CF5B32

 FFAB7C

 B0411A

 FFC797

 922601

 FFE4B2

 740400

 FFFFCD

 560000

 FFFFEA

 3B0001

 1A0001

 000000

 EE754A

 EE754A

 EE6332

 EE8762

 EE521A

 EE987A

 EE4003

 EEAA91

 EE3E00

 EEBBA9

 EECDC1

 EEDED9

 EEF0F1

 EFFFFFF

# Harmonies

## Analogous

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



FD647D



EE754A



CA8C22

# Triad

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



EE754A



00B17B



6394FF

# Complementary

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



EE754A



4AC3EE

# 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.



00A6FF



EE754A



00B3B5

# Square

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



EE754A



57AA45



00AFE7



C07CE6

# Rectangle

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



EE754A



AA9918



00AFE7



1C9BFF



# Sweetspot

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



EE754A



FFD7C9



EE4AC5



806860



000000



808080



# Same Dimension

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



EE754A



FF632B



EEC54A



786F6C



B83000



380F00



# Inverse Universe

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



4AC3EE



2BC8FF



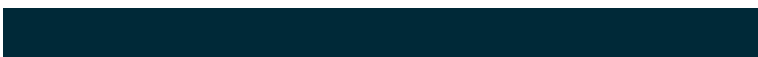
4A73EE



6C7578



0087B8

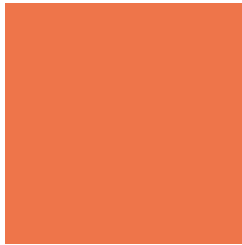


002938



# Previews

## White Background



This preview shows how the Hex color EE754A looks on a white background.

## Color Contrast Check

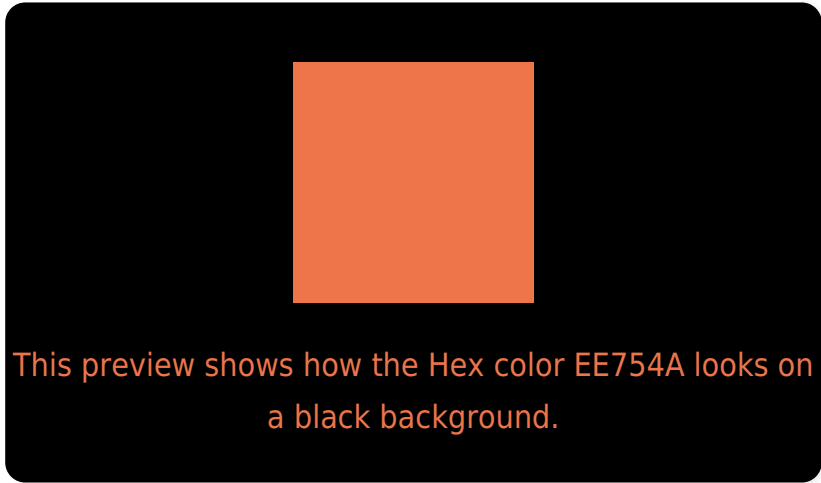
Large Text (above 18pt) WCAG AA × Fail

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 EE754A Background



This preview shows how black text looks on a background with the Hex color EE754A.



This preview shows how white text looks on a background with the Hex color EE754A.

# 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**  
EE754A

**Protanopia**  
A79956

**Deuteranopia**  
BD9144



**Tritanopia**  
F06F77

# Trichromacy



**Original Color**  
EE754A

**Protanomaly**  
C18C52

**Deuteranomaly**  
CF8746

**Tritanomaly**  
EF7167

# Monochromacy



**Original Color**  
EE754A

**Achromatopsia**  
949494

**Achromatomaly**  
B58979

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EE754A 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 #EE754A looks like.

```
.text, #text, p{  
    color:#EE754A  
}
```

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 #EE754A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE754A
}
```

## Border

The CSS property to change the border of an element to Hex EE754A 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
#EE754A }
```

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

```
.border{ border-color:#EE754A }
```

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

Here you see how a box with a 4 pixel #EE754A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE754A; -webkit-box-shadow:4px 4px  
4px 4px #EE754A; box-shadow:4px 4px 4px  
4px #EE754A }
```

# Background

The CSS property to change the background color of an element to Hex EE754A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE754A }
```

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

```
.background{ background-color:#EE754A }
```

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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