

# Converting Colors

Hex(EF723A)

Have a look what the booklet for  
Hex(EE723A) contains.

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**Color**

**Hex(EF723A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EE723A
RGB	238, 114, 58
RGB Percent	93%, 45%, 23%
CMY	0.0667, 0.5529, 0.7725
CMYK	0.00, 0.52, 0.76, 0.07
HSL	19°, 84%, 58%
HSV	19°, 76%, 93%
XYZ	42.0409, 30.5173, 7.6776
YIQ	144.6920, 91.8800, 8.8720

# Conversions

## Conversions Part 2

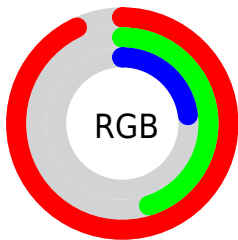
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	238, 139, 58
Decimal	15626810
CIE Lab	62.10, 44.33, 52.03
CIE LCh	62, 68.352, 49.565
Yxy	30.5173, 0.5240, 0.3803
Android (android.graphics.Color)	4293816890 (0xFFEE723A)
YUV	144.6920, -42.7392, 81.8311
Hunter-Lab	55.2424, 39.1689, 30.4296

# Details

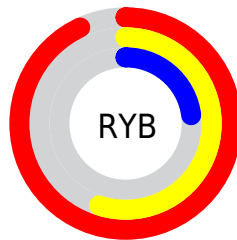
The Hex color **EE723A** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **3AB6EE**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FFA86C**, and **AF3E04** is the 20% darker color. If you saturate the color by 10%, you get **EE6222**, and if you desaturate by 10%, it is **EE8252**.

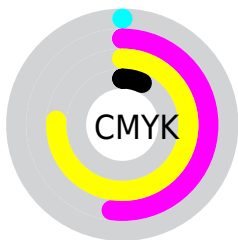
# Distribution



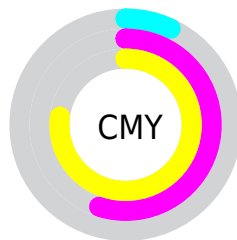
- Red (93%)
- Green (45%)
- Blue (23%)



- Red (93%)
- Yellow (55%)
- Blue (23%)



- Cyan (0%)
- Magenta (52%)
- Yellow (76%)
- Black (7%)



- Cyan (7%)
- Magenta (55%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EE723A 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 EE723A by changing the saturation by 10% instead.



 EE723A

 EE723A

FFFFFF

 CE5821

 FFA86C

 AF3E04

 FFC486

 912300

 FFE1A1

 720000

 FFFEBD

 540000

 FFFFD9

 390001

 FFFFF6

 160000

 000000

 EE723A

 EE723A

 EE6222

 EE8252

 EE510A

 EE936A

 EE4A00

 EEA381

 EEB499

 EEC4B1

 EED4C9

 EEE5E1

 EEF5F8

 EFFFFFF

# Harmonies

## Analogous

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



FF5B71



EE723A



C58C00

# Triad

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



EE723A



00B17E



698FFF

# Complementary

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



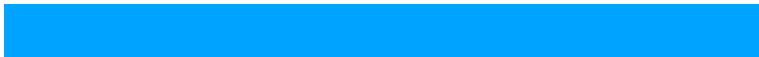
EE723A



3AB6EE

# 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.



00A3FF



EE723A



00B2BD

# Square

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



EE723A



3EAB41



00AEF2



CA73E6

# Rectangle

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



EE723A



A19900



00AEF2



1997FF



# Sweetspot

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



EE723A



FFD7C4



EE3AB8



80675C



000000



808080



# Same Dimension

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



EE723A



FF5F17



EECA3A



78706C



B83900



381100



# Inverse Universe

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



3AB6EE



17B7FF



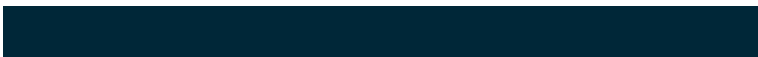
3A5EEE



6C7478



007EB8



002738



# Previews

## White Background



This preview shows how the Hex color EE723A looks on a white background.

## Color Contrast Check

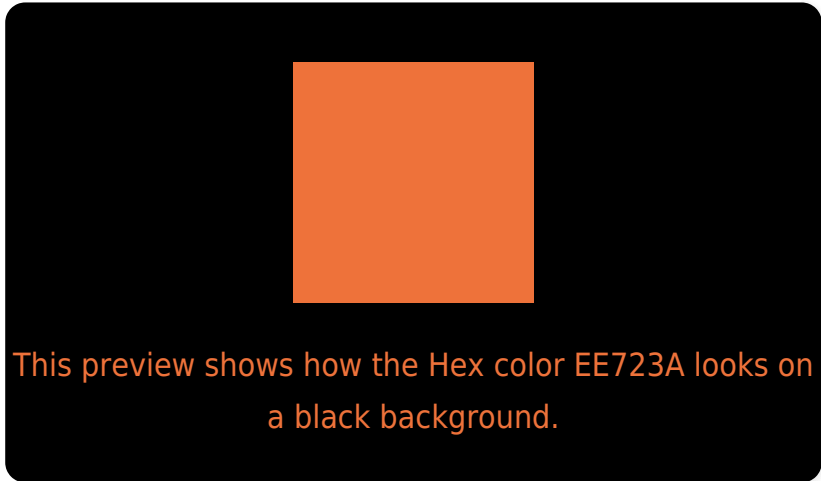
Large Text (above 18pt) WCAG AA × Fail

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 EE723A Background



This preview shows how black text looks on a background with the Hex color EE723A.



This preview shows how white text looks on a background with the Hex color EE723A.

# 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**  
EE723A

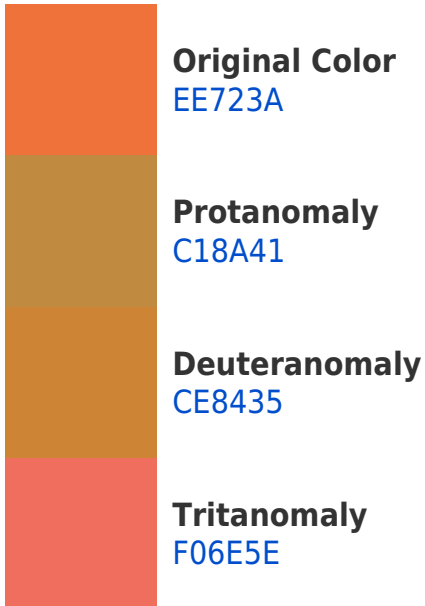
**Protanopia**  
A79745

**Deuteranopia**  
BC8F32



**Tritanopia**  
F16C73

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EE723A 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 #EE723A looks like.

```
.text, #text, p{  
    color:#EE723A  
}
```

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 #EE723A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE723A
}
```

## Border

The CSS property to change the border of an element to Hex EE723A 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
#EE723A }
```

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

```
.border{ border-color:#EE723A }
```

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

Here you see how a box with a 4 pixel #EE723A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE723A; -webkit-box-shadow:4px 4px  
4px 4px #EE723A; box-shadow:4px 4px 4px  
4px #EE723A }
```

# Background

The CSS property to change the background color of an element to Hex EE723A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE723A }
```

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

```
.background{ background-color:#EE723A }
```

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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