

# Converting Colors

Hex(EE664E)

Have a look what the booklet for  
Hex(EE664E) contains.

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# Color

**Hex(E E664E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EE664E
RGB	238, 102, 78
RGB Percent	93%, 40%, 31%
CMY	0.0667, 0.6000, 0.6941
CMYK	0.00, 0.57, 0.67, 0.07
HSL	9°, 82%, 62%
HSV	9°, 67%, 93%
XYZ	41.3864, 28.2299, 10.4753
YIQ	139.9280, 88.7600, 21.3680

# Conversions

## Conversions Part 2

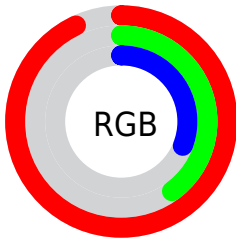
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	238, 106, 78
Decimal	15623758
CIE <sub>Lab</sub>	60.10, 50.97, 39.56
CIE <sub>LCh</sub>	60, 64.523, 37.812
Yxy	28.2299, 0.5167, 0.3525
Android (android.graphics.Color)	4293813838 (0xFFEE664E)
YUV	139.9280, -30.5305, 86.0091
Hunter-Lab	53.1319, 46.0596, 25.5028

# Details

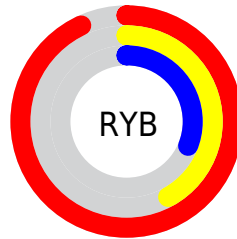
The Hex color **EE664E** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **4ED6EE**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FF9D80**, and **B02F20** is the 20% darker color. If you saturate the color by 10%, you get **EE5236**, and if you desaturate by 10%, it is **EE7A66**.

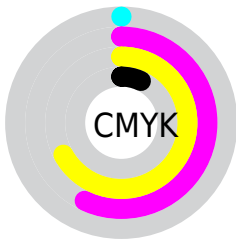
# Distribution



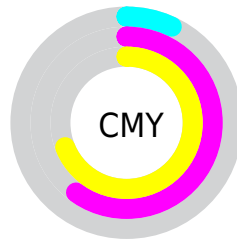
- Red (93%)
- Green (40%)
- Blue (31%)



- Red (93%)
- Yellow (42%)
- Blue (31%)



- Cyan (0%)
- Magenta (57%)
- Yellow (67%)
- Black (7%)



- Cyan (7%)
- Magenta (60%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EE664E 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 EE664E by changing the saturation by 10% instead.



 EE664E

 EE664E

FFFFFF

 CF4B37

 FF9D80

 B02F20

 FFB99A

 910B0A

 FFD5B5

 730000

 FFF3D1

 550000

 FFFFED

 3A0002

 130000

 000000

 EE664E

 EE664E

 EE5236

 EE7A66

 EE3E1E

 EE8E7E

 EE2907

 EEA395

 EE2400

 EEB7AD

 EECBC5

 EEDFDD

 EE4F5

 EEFFFF

# Harmonies

## Analogous

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



F65784



EE664E



CE7E1F

# Triad

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



EE664E



00A963



0A93FF

# Complementary

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



EE664E



4ED6EE

# 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.



00A2FA



EE664E



00AB9F

# Square

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



EE664E



62A12E



00AAD5



A67BEB

# Rectangle

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



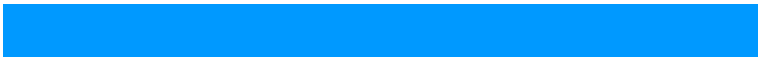
EE664E



B08D01



00AAD5



0099FF



# Sweetspot

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



EE664E



FFD4CC



EE4ED6



806561



000000



808080



# Same Dimension

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



EE664E



FF4F30



EEB64E



786E6C



B81C00



380800



# Inverse Universe

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



4ED6EE



30E0FF



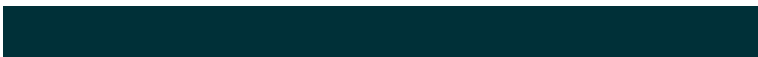
4E86EE



6C7678



009CB8



003038



# Previews

## White Background



This preview shows how the Hex color EE664E looks on a white background.

## Color Contrast Check

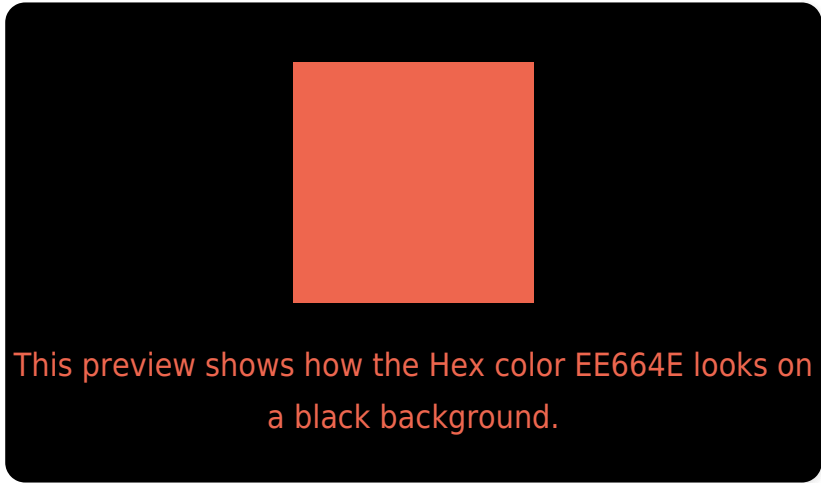
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex EE664E Background



This preview shows how black text looks on a background with the Hex color EE664E.



This preview shows how white text looks on a background with the Hex color EE664E.

# 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**  
EE664E

**Protanopia**  
9E915E

**Deuteranopia**  
B38A47



# Trichromacy



**Original Color**  
EE664E

**Protanomaly**  
BB8158

**Deuteranomaly**  
C87D4A

**Tritanomaly**  
EF635F

# Monochromacy



**Original Color**  
EE664E

**Achromatopsia**  
8C8C8C

**Achromatomaly**  
B07E75

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EE664E 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 #EE664E looks like.

```
.text, #text, p{  
    color:#EE664E  
}
```

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 #EE664E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE664E
}
```

## Border

The CSS property to change the border of an element to Hex EE664E 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
#EE664E }
```

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

```
.border{ border-color:#EE664E }
```

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

Here you see how a box with a 4 pixel #EE664E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE664E; -webkit-box-shadow:4px 4px  
4px 4px #EE664E; box-shadow:4px 4px 4px  
4px #EE664E }
```

# Background

The CSS property to change the background color of an element to Hex EE664E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE664E }
```

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

```
.background{ background-color:#EE664E }
```

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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