

# Converting Colors

Hex(EE6040)

Have a look what the booklet for  
Hex(EE6040) contains.

<b>Hex(EE6040)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(EE6040)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EE6040
RGB	238, 96, 64
RGB Percent	93%, 38%, 25%
CMY	0.0667, 0.6235, 0.7490
CMYK	0.00, 0.60, 0.73, 0.07
HSL	11°, 84%, 59%
HSV	11°, 73%, 93%
XYZ	40.3682, 26.9131, 7.9176
YIQ	134.8100, 94.9040, 20.1520

# Conversions

## Conversions Part 2

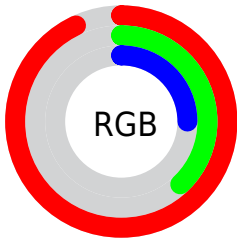
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">238, 103, 64</a>
Decimal	<a href="#">15622208</a>
CIELab	<a href="#">58.89, 53.02, 45.65</a>
CIELCh	<a href="#">59, 69.966, 40.726</a>
Yxy	<a href="#">26.9131, 0.5368, 0.3579</a>
Android (android.graphics.Color)	<a href="#">4293812288 (0xFFEE6040)</a>
YUV	<a href="#">134.8100, -34.9093, 90.4976</a>
Hunter-Lab	<a href="#">51.8778, 48.1118, 27.2656</a>

# Details

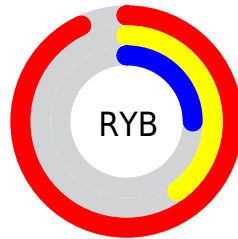
The Hex color **EE6040** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle muted orange. A complement of this color would be **40CEEE**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF9771**, and **AF2711** is the 20% darker color. If you saturate the color by 10%, you get **EE4D28**, and if you desaturate by 10%, it is **EE7358**.

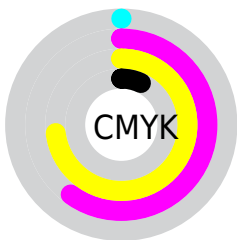
# Distribution



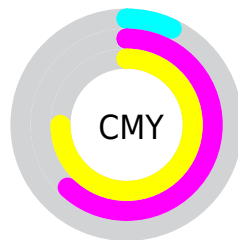
- Red (93%)
- Green (38%)
- Blue (25%)



- Red (93%)
- Yellow (40%)
- Blue (25%)



- Cyan (0%)
- Magenta (60%)
- Yellow (73%)
- Black (7%)



- Cyan (7%)
- Magenta (62%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EE6040 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 EE6040 by changing the saturation by 10% instead.



 EE6040

 EE6040

FFFFFF

 CE4428

 FF9771

 AF2711

 FFB38B

 900000

 FFD0A6

 710000

 FFEDC1

 530000

 FFFFDE

 380002

 FFFFFA

 0D0000

 000000

 EE6040

 EE6040

 EE4D28

 EE7358

 EE3910

 EE8770

 EE2C00

 EE9A87

 EEAE9F

 EEC1B7

 EED5CF

 EEE8E7

 EEFBFE

 EEEFFF

# Harmonies

## Analogous

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



FA4C7A



EE6040



CA7C00

# Triad

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



EE6040



00A763



008EFF

# Complementary

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



EE6040



40CEEE

# 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.



009FFF



EE6040



00AAA3

# Square

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



EE6040



50A024



00A8DD



AB73EC

# Rectangle

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



EE6040



A98B00



00A8DD



0095FF



# Sweetspot

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



EE6040



FFD1C7



EE40CE



80645E



000000



808080



# Same Dimension

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



EE6040



FF481F



EEB740



786E6C



B82200



380A00



# Inverse Universe

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



40CEEE



1FD6FF



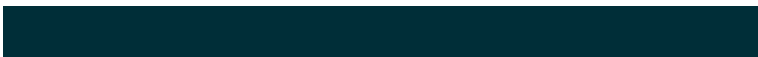
4077EE



6C7678



0096B8



002E38



# Previews

## White Background



This preview shows how the Hex color EE6040 looks on a white background.

## Color Contrast Check

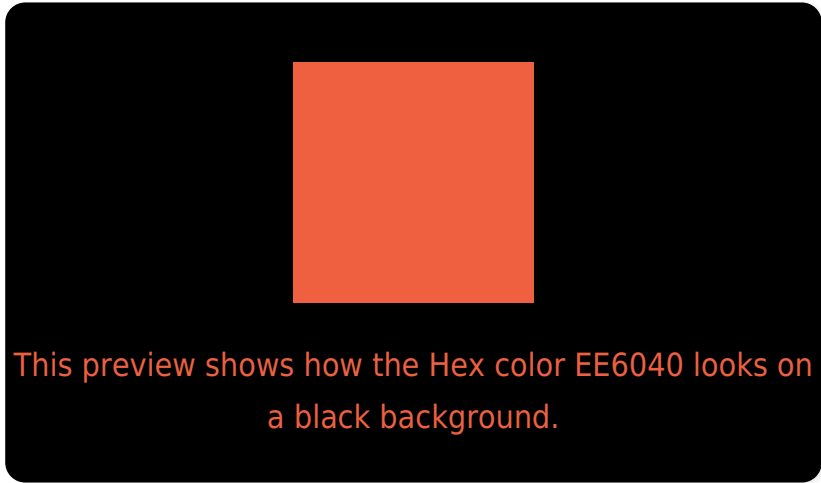
Large Text (above 18pt) WCAG AA ✓ Pass

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 EE6040 Background



This preview shows how black text looks on a background with the Hex color EE6040.



This preview shows how white text looks on a background with the Hex color EE6040.

# 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**  
EE6040

**Protanopia**  
9C8E4F

**Deuteranopia**  
B18737



# Trichromacy



**Original Color**  
EE6040

**Protanomaly**  
BA7D4A

**Deuteranomaly**  
C7793A

**Tritanomaly**  
EF5D55

# Monochromacy



**Original Color**  
EE6040

**Achromatopsia**  
878787

**Achromatomaly**  
AC796D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EE6040 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 #EE6040 looks like.

```
.text, #text, p{  
    color:#EE6040  
}
```

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 #EE6040 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE6040
}
```

## Border

The CSS property to change the border of an element to Hex EE6040 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
#EE6040 }
```

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

```
.border{ border-color:#EE6040 }
```

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

Here you see how a box with a 4 pixel #EE6040 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE6040; -webkit-box-shadow:4px 4px  
4px 4px #EE6040; box-shadow:4px 4px 4px  
4px #EE6040 }
```

# Background

The CSS property to change the background color of an element to Hex EE6040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE6040 }
```

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

```
.background{ background-color:#EE6040 }
```

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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