

# Converting Colors

Hex(E97046)

Have a look what the booklet for  
Hex(E97046) contains.

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**Color**

**Hex(E97046)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E97046
RGB	233, 112, 70
RGB Percent	91%, 44%, 27%
CMY	0.0863, 0.5608, 0.7255
CMYK	0.00, 0.52, 0.70, 0.09
HSL	15°, 79%, 59%
HSV	15°, 70%, 91%
XYZ	40.5039, 29.3542, 9.3255
YIQ	143.3910, 85.5980, 12.5900

# Conversions

## Conversions Part 2

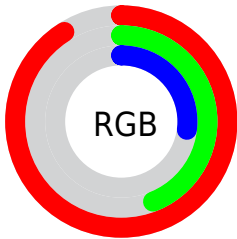
<b>Format</b>	<b>Color</b>
<b>RYB</b>	233, 127, 70
Decimal	15298630
CIELab	61.09, 43.96, 44.76
CIELCh	61, 62.740, 45.514
Yxy	29.3542, 0.5115, 0.3707
Android (android.graphics.Color)	4293488710 (0xFFE97046)
YUV	143.3910, -36.1818, 78.5871
Hunter-Lab	54.1795, 38.6303, 27.7205

# Details

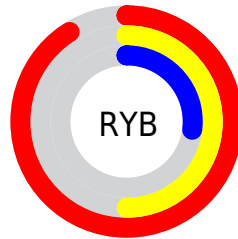
The Hex color **E97046** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **46BFE9**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FFA678**, and **AB3C16** is the 20% darker color. If you saturate the color by 10%, you get **E95F2F**, and if you desaturate by 10%, it is **E9815D**.

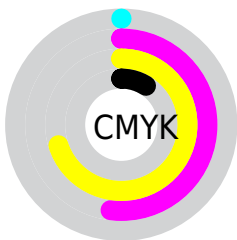
# Distribution



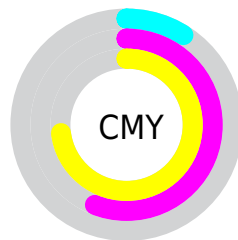
- Red (91%)
- Green (44%)
- Blue (27%)



- Red (91%)
- Yellow (50%)
- Blue (27%)



- Cyan (0%)
- Magenta (52%)
- Yellow (70%)
- Black (9%)



- Cyan (9%)
- Magenta (56%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E97046 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 E97046 by changing the saturation by 10% instead.



 E97046

 E97046

FFFFFF

 CA562E

 FFA678

 AB3C16

 FFC292

 8D2000

 FFDFAD

 6F0000

 FFFCC9

 510000

 FFFF E5

 370001

 0E0000

 000000

 E97046

 E97046

 E95F2F

 E9815D

 E94D17

 E99375

 E93C00

 E9A48C

 E9B5A3

 E9C6BB

 E9D8D2

 E9E9E9

 E9FAFF

 E9FFFF

# Harmonies

## Analogous

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



F85E79



E97046



C6871D

# Triad

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



E97046



00AC76



5C90FF

# Complementary

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



E97046



46BFE9

# 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.



00A1FF



E97046



00AEAF

# Square

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



E97046



53A640



00ABE2



BB78E2

# Rectangle

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



E97046



A69410



00ABE2



0097FF

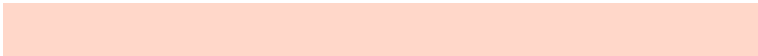


# Sweetspot

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



E97046



FFD7C9



E946C0



806860



000000



808080



# Same Dimension

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



E97046



FF6029



E9C046



756D6A



B52F00



360E00



# Inverse Universe

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



46BFE9



29C8FF



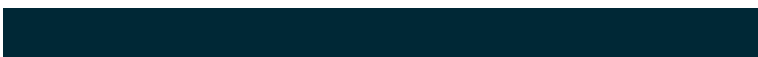
466FE9



6A7275



0086B5



002836



# Previews

## White Background



This preview shows how the Hex color E97046 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 E97046 Background



This preview shows how black text looks on a background with the Hex color E97046.

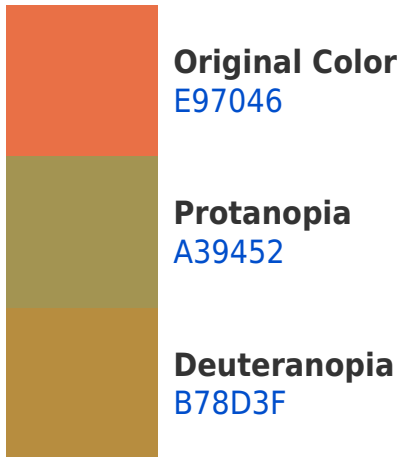



This preview shows how white text looks on a background with the Hex color E97046.

# 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**  
EB6B72

# Trichromacy



**Original Color**  
E97046

**Protanomaly**  
BC874E

**Deuteranomaly**  
C98242

**Tritanomaly**  
EA6D62

# Monochromacy



**Original Color**  
E97046

**Achromatopsia**  
8F8F8F

**Achromatomaly**  
B08474

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E97046 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 #E97046 looks like.

```
.text, #text, p{  
    color:#E97046  
}
```

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 #E97046 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E97046
}
```

## Border

The CSS property to change the border of an element to Hex E97046 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
#E97046 }
```

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

```
.border{ border-color:#E97046 }
```

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

Here you see how a box with a 4 pixel #E97046 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E97046; -webkit-box-shadow:4px 4px  
4px 4px #E97046; box-shadow:4px 4px 4px  
4px #E97046 }
```

# Background

The CSS property to change the background color of an element to Hex E97046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E97046 }
```

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

```
.background{ background-color:#E97046 }
```

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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