

# Converting Colors

Hex(E97345)

Have a look what the booklet for  
Hex(E97345) contains.

<b>Hex(E97345)</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(E97345)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E97345
RGB	233, 115, 69
RGB Percent	91%, 45%, 27%
CMY	0.0863, 0.5490, 0.7294
CMYK	0.00, 0.51, 0.70, 0.09
HSL	17°, 79%, 59%
HSV	17°, 70%, 91%
XYZ	40.8092, 30.0148, 9.2728
YIQ	145.0380, 85.0940, 10.7100

# Conversions

## Conversions Part 2

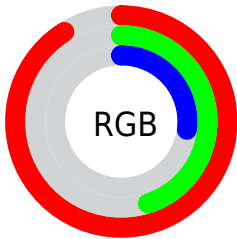
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	233, 133, 69
Decimal	15299397
CIE <sub>Lab</sub>	61.67, 42.43, 45.92
CIE <sub>LCh</sub>	62, 62.520, 47.258
Yxy	30.0148, 0.5095, 0.3747
Android (android.graphics.Color)	4293489477 (0xFFE97345)
YUV	145.0380, -37.4867, 77.1427
Hunter-Lab	54.7857, 37.0873, 28.3149

# Details

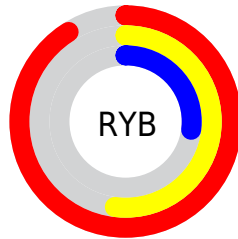
The Hex color **E97345** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **45BBE9**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FFA977**, and **AB3F15** is the 20% darker color. If you saturate the color by 10%, you get **E9622E**, and if you desaturate by 10%, it is **E9845C**.

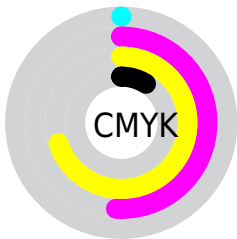
# Distribution



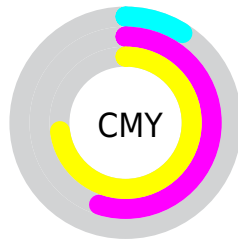
- Red (91%)
- Green (45%)
- Blue (27%)



- Red (91%)
- Yellow (52%)
- Blue (27%)



- Cyan (0%)
- Magenta (51%)
- Yellow (70%)
- Black (9%)



- Cyan (9%)
- Magenta (55%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E97345 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 E97345 by changing the saturation by 10% instead.



 E97345

 E97345

FFFFFF

 CA592D

 FFA977

 AB3F15

 FFC591

 8D2500

 FFE1AC

 6F0300

 FFFFC8

 510000

 FFFFE4

 370001

 100000

 000000

 E97345

 E97345

 E9622E

 E9845C

 E95116

 E99574

 E94100

 E9A58B

 E9B6A2

 E9C7BA

 E9D8D1

 E9E8E8

 E9F9FF

 E9FFFF

# Harmonies

## Analogous

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



F96177



E97345



C58A1D

# Triad

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



E97345



00AE7B



6690FF

# Complementary

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



E97345



45BBE9

# 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.



00A2FF



E97345



00AFB4

# Square

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



E97345



50A845



00ACE5



C078E1

# Rectangle

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



E97345



A59714



00ACE5



2697FF



# Sweetspot

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



E97345



FFD8C9



E945BD



806960



000000



808080



# Same Dimension

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



E97345



FF6529



E9C345



756D6A



B53300



360F00



# Inverse Universe

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



45BBE9



29C3FF



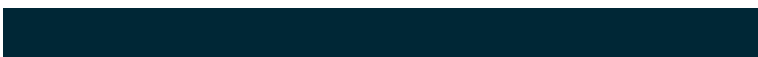
456BE9



6A7275



0082B5



002736



# Previews

## White Background



This preview shows how the Hex color E97345 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 ✓ Pass

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



## Hex E97345 Background



This preview shows how black text looks on a background with the Hex color E97345.

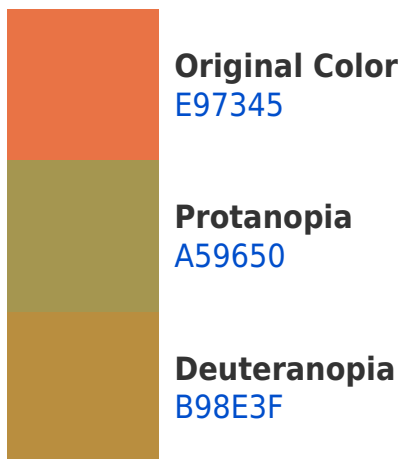



This preview shows how white text looks on a background with the Hex color E97345.

# 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](#).

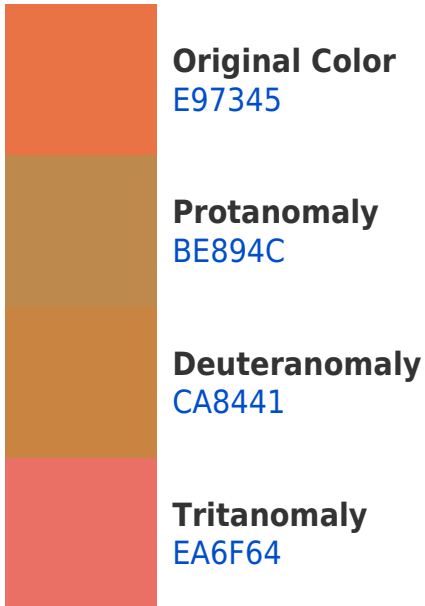
## Dichromacy





**Tritanopia**  
EB6D75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E97345 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 #E97345 looks like.

```
.text, #text, p{  
    color:#E97345  
}
```

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 #E97345 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E97345
}
```

## Border

The CSS property to change the border of an element to Hex E97345 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
#E97345 }
```

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

```
.border{ border-color:#E97345 }
```

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

Here you see how a box with a 4 pixel #E97345 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E97345; -webkit-box-shadow:4px 4px  
4px 4px #E97345; box-shadow:4px 4px 4px  
4px #E97345 }
```

# Background

The CSS property to change the background color of an element to Hex E97345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E97345 }
```

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

```
.background{ background-color:#E97345 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor