

Converting Colors

Hex(E97149)

Have a look what the booklet for
Hex(E97149) contains.

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Color

Hex(E97149)

Conversions

Conversions Part 1

Format	Color
Hex	E97149
RGB	233, 113, 73
RGB Percent	91%, 44%, 29%
CMY	0.0863, 0.5569, 0.7137
CMYK	0.00, 0.52, 0.69, 0.09
HSL	15°, 78%, 60%
HSV	15°, 69%, 91%
XYZ	40.7120, 29.6149, 9.8738
YIQ	144.3200, 84.3600, 13.0000

Conversions

Conversions Part 2

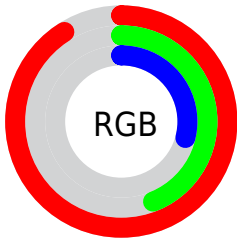
Format	Color
R_{YB}	233, 126, 73
Decimal	15298889
CIE Lab	61.32, 43.63, 43.46
CIE LCh	61, 61.577, 44.889
Yxy	29.6149, 0.5076, 0.3693
Android (android.graphics.Color)	4293488969 (0xFFE97149)
YUV	144.3200, -35.1608, 77.7724
Hunter-Lab	54.4196, 38.3038, 27.3362

Details

The Hex color **E97149** 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 **49C1E9**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FFA77B**, and **AB3D1A** is the 20% darker color. If you saturate the color by 10%, you get **E96032**, and if you desaturate by 10%, it is **E98260**.

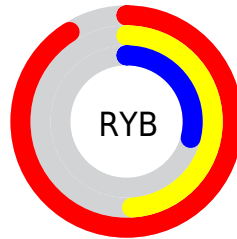
Distribution



Red (91%)

Green (44%)

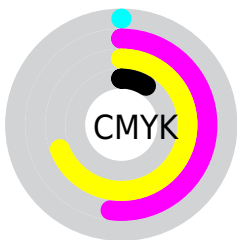
Blue (29%)



Red (91%)

Yellow (49%)

Blue (29%)

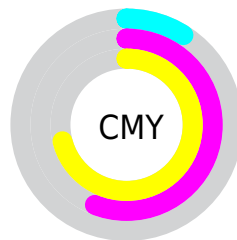


Cyan (0%)

Magenta (52%)

Yellow (69%)

Black (9%)



Cyan (9%)

Magenta (56%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color E97149 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 E97149 by changing the saturation by 10% instead.

 E97149

 E97149

FFFFFF

 CA5731

 FFA77B

 AB3D1A

 FFC395

 8D2201

 FFE0B0

 6F0000

 FFFDCC

 520000

 FFFFEE

 370001

 0F0000

 000000

 E97149

 E97149

 E96032

 E98260

 E94E1A

 E99478

 E93D03

 E9A58F

 E93A00

 E9B7A6

 E9C8BE

 E9DAD5

 E9EBEC

 E9FDFD

 E9FFFF

Harmonies

Analogous

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



F7607B



E97149



C68722

Triad

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



E97149



00AC76



5C91FE

Complementary

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



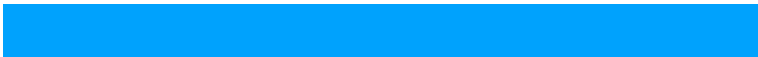
E97149



49C1E9

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.



00A2FD



E97149



00AEAE

Square

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



E97149



57A642



00ABE0



B979E2

Rectangle

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



E97149



A89416



00ABE0



0097FF

Sweetspot

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



E97149



FFD7C9



E949C1



806860



000000



808080

Same Dimension

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



E97149



FF622E



E9C149



756D6A



B52D00



360D00

Inverse Universe

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



49C1E9



2ECBFF



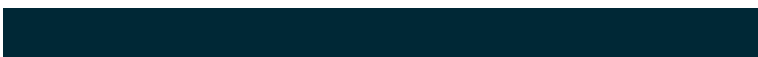
4971E9



6A7275



0088B5



002836

Previews

White Background



This preview shows how the Hex color E97149 looks on a white background.

Color Contrast Check

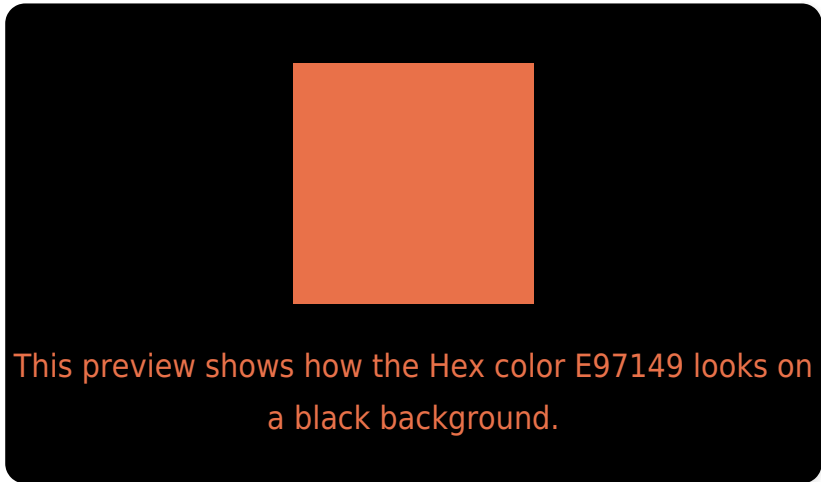
Large Text (above 18pt) WCAG AA ✓ Pass

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 E97149 Background



This preview shows how black text looks on a background with the Hex color E97149.

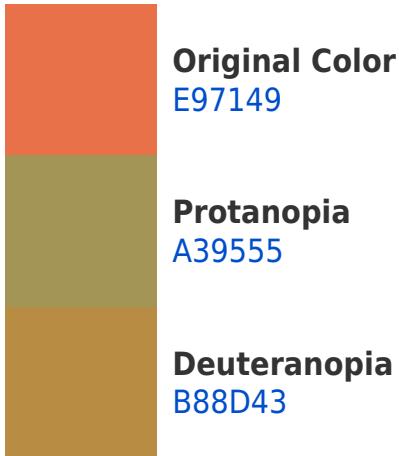


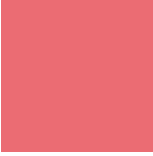
This preview shows how white text looks on a background with the Hex color E97149.

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
EB6C73

Trichromacy



Original Color
E97149



Protanomaly
BC8851



Deuteranomaly
CA8345

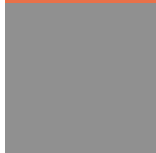


Tritanomaly
EA6E64

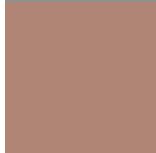
Monochromacy



Original Color
E97149



Achromatopsia
909090



Achromatomaly
B08576

CSS Examples

Text

The CSS property to change the color of the text to Hex E97149 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 #E97149 looks like.

```
.text, #text, p{  
    color:#E97149  
}
```

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 #E97149 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E97149
}
```

Border

The CSS property to change the border of an element to Hex E97149 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
#E97149 }
```

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

```
.border{ border-color:#E97149 }
```

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

Here you see how a box with a 4 pixel #E97149 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E97149; -webkit-box-shadow:4px 4px  
4px 4px #E97149; box-shadow:4px 4px 4px  
4px #E97149 }
```

Background

The CSS property to change the background color of an element to Hex E97149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E97149 }
```

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

```
.background{ background-color:#E97149 }
```

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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