

Converting Colors

Hex(E97449)

Have a look what the booklet for
Hex(E97449) contains.

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Color

Hex(E97449)

Conversions

Conversions Part 1

Format	Color
Hex	E97449
RGB	233, 116, 73
RGB Percent	91%, 45%, 29%
CMY	0.0863, 0.5451, 0.7137
CMYK	0.00, 0.50, 0.69, 0.09
HSL	16°, 78%, 60%
HSV	16°, 69%, 91%
XYZ	41.0523, 30.2955, 9.9872
YIQ	146.0810, 83.5350, 11.4310

Conversions

Conversions Part 2

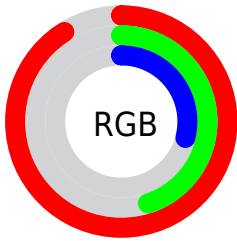
Format	Color
RYB	233, 132, 73
Decimal	15299657
CIELab	61.91, 42.14, 44.13
CIELCh	62, 61.017, 46.320
Yxy	30.2955, 0.5047, 0.3725
Android (android.graphics.Color)	4293489737 (0xFFE97449)
YUV	146.0810, -36.0289, 76.2280
Hunter-Lab	55.0413, 36.8110, 27.7707

Details

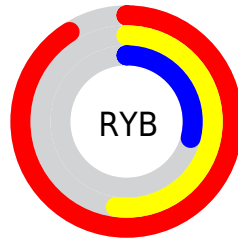
The Hex color **E97449** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **49BEE9**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FFAA7B**, and **AB4019** is the 20% darker color. If you saturate the color by 10%, you get **E96332**, and if you desaturate by 10%, it is **E98560**.

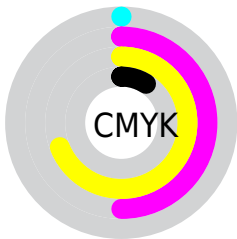
Distribution



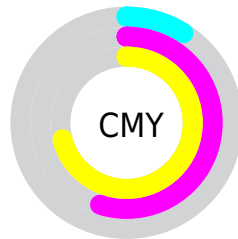
- Red (91%)
- Green (45%)
- Blue (29%)



- Red (91%)
- Yellow (52%)
- Blue (29%)



- Cyan (0%)
- Magenta (50%)
- Yellow (69%)
- Black (9%)



- Cyan (9%)
- Magenta (55%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color E97449 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 E97449 by changing the saturation by 10% instead.

 E97449

 E97449

FFFFFF

 CA5A31

 FFAA7B

 AB4019

 FFC695

 8D2601

 FFE3B0

 6F0500

 FFFFCC

 520000

 FFFFEE

 370001

 110000

 000000

 E97449

 E97449

 E96332

 E98560

 E9521A

 E99678

 E94103

 E9A78F

 E93F00

 E9B8A6

 E9C9BE

 E9DAD5

 E9EBEC

 E9FCFF

 E9FFFF

Harmonies

Analogous

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



F8637A



E97449



C68A23

Triad

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



E97449



00AE7A



6591FE

Complementary

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



E97449



49BEE9

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.



00A3FF



E97449



00AFB2

Square

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



E97449



56A846



00ACE3



BE7AE1

Rectangle

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



E97449



A7971B



00ACE3



2898FF

Sweetspot

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



E97449



FFD8C9



E949BE



806860



000000



808080

Same Dimension

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



E97449



FF662E



E9C449



756D6A



B53100



360E00

Inverse Universe

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



49BEE9



2EC7FF



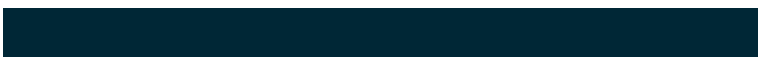
496EE9



6A7275



0084B5



002736

Previews

White Background



This preview shows how the Hex color E97449 looks on a white background.

Color Contrast Check

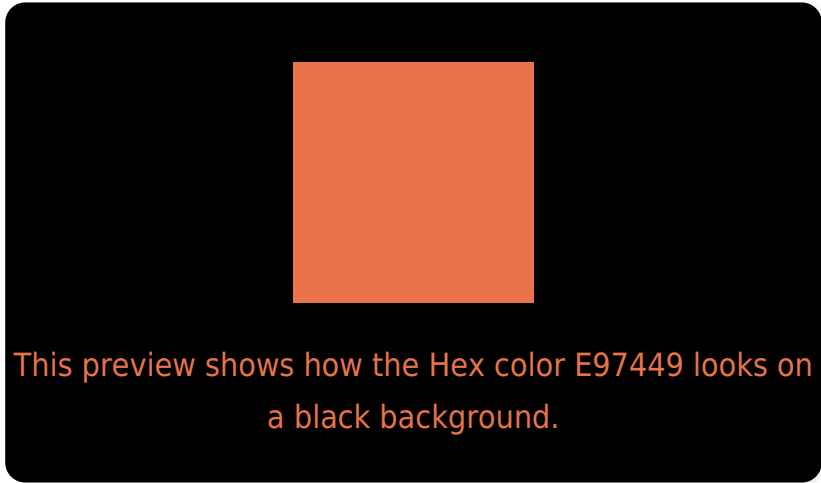
Large Text (above 18pt) WCAG AA × Fail

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 E97449 Background



This preview shows how black text looks on a background with the Hex color E97449.



This preview shows how white text looks on a background with the Hex color E97449.

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
E97449

Protanopia
A59654

Deuteranopia
BA8F43



Tritanopia
EB6E76

Trichromacy



Original Color
E97449

Protanomaly
BE8A50

Deuteranomaly
CB8545

Tritanomaly
EA7066

Monochromacy



Original Color
E97449

Achromatopsia
929292

Achromatomaly
B28777

CSS Examples

Text

The CSS property to change the color of the text to Hex E97449 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 #E97449 looks like.

```
.text, #text, p{  
    color:#E97449  
}
```

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 #E97449 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E97449
}
```

Border

The CSS property to change the border of an element to Hex E97449 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
#E97449 }
```

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

```
.border{ border-color:#E97449 }
```

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

Here you see how a box with a 4 pixel #E97449 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E97449; -webkit-box-shadow:4px 4px  
4px 4px #E97449; box-shadow:4px 4px 4px  
4px #E97449 }
```

Background

The CSS property to change the background color of an element to Hex E97449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E97449 }
```

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

```
.background{ background-color:#E97449 }
```

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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