

Converting Colors

Hex(E96747)

Have a look what the booklet for
Hex(E96747) contains.

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Color

Hex(E96747)

Conversions

Conversions Part 1

Format	Color
Hex	E96747
RGB	233, 103, 71
RGB Percent	91%, 40%, 28%
CMY	0.0863, 0.5961, 0.7216
CMYK	0.00, 0.56, 0.70, 0.09
HSL	12°, 79%, 60%
HSV	12°, 70%, 91%
XYZ	39.5919, 27.4791, 9.1785
YIQ	138.2220, 87.7520, 17.6080

Conversions

Conversions Part 2

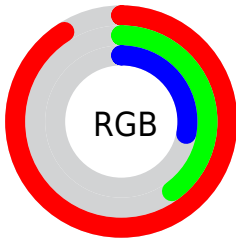
Format	Color
RYB	233, 111, 71
Decimal	15296327
CIELab	59.42, 48.35, 42.33
CIElCh	59, 64.264, 41.203
Yxy	27.4791, 0.5192, 0.3604
Android (android.graphics.Color)	4293486407 (0xFFE96747)
YUV	138.2220, -33.1404, 83.1203
Hunter-Lab	52.4205, 43.0807, 26.3130

Details

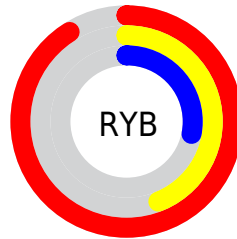
The Hex color **E96747** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **47C9E9**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FF9D79**, and **AB3119** is the 20% darker color. If you saturate the color by 10%, you get **E95430**, and if you desaturate by 10%, it is **E97A5E**.

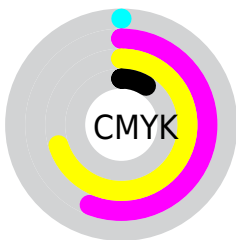
Distribution



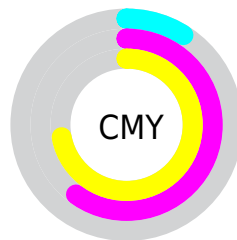
- Red (91%)
- Green (40%)
- Blue (28%)



- Red (91%)
- Yellow (44%)
- Blue (28%)



- Cyan (0%)
- Magenta (56%)
- Yellow (70%)
- Black (9%)



- Cyan (9%)
- Magenta (60%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color E96747 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 E96747 by changing the saturation by 10% instead.

 E96747

 E96747

FFFFFF

 CA4C2F

 FF9D79

 AB3119

 FFB993

 8C1100

 FFD6AE

 6E0000

 FFF3C9

 500000

 FFFF E5

 360002

 070000

 000000

 E96747

 E96747

 E95430

 E97A5E

 E94218

 E98C76

 E92F01

 E99F8D

 E92E00

 E9B2A4

 E9C4BC

 E9D7D3

 E9EAEA

 E9FDFD

 E9FFFF

Harmonies

Analogous

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



F4567C



E96747



C77F18

Triad

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



E96747



00A768



368FFE

Complementary

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



E96747



47C9E9

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.



009FFA



E96747



00A9A3

Square

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



E96747



58A032



00A7D8



AC76E5

Rectangle

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



E96747



A98D00



00A7D8



0095FF

Sweetspot

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



E96747



FFD4C9



E947CB



806660



000000



808080

Same Dimension

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



E96747



FF552B



E9B647



756C6A



B52400



360B00

Inverse Universe

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



47C9E9



2BD5FF



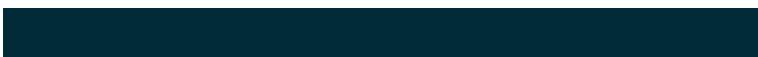
477AE9



6A7375



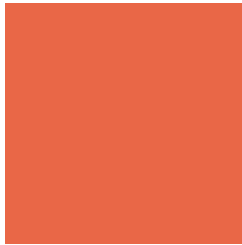
0091B5



002B36

Previews

White Background



This preview shows how the Hex color E96747 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 E96747 Background



This preview shows how black text looks on a background with the Hex color E96747.



This preview shows how white text looks on a background with the Hex color E96747.

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

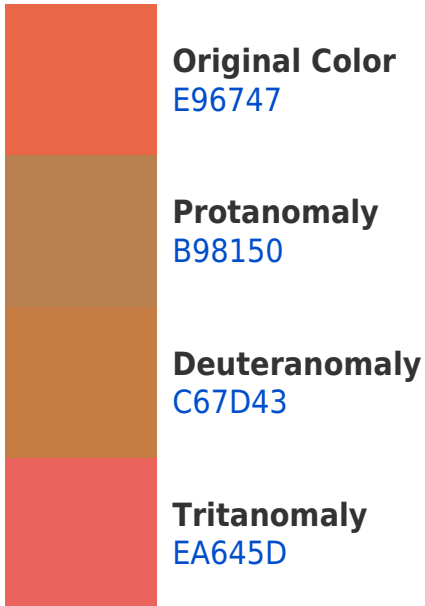


Original Color
E96747

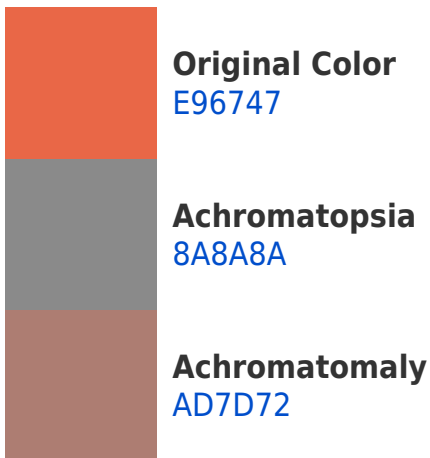
Protanopia
9D9055

Deuteranopia
B28940

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E96747 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 #E96747 looks like.

```
.text, #text, p{  
    color:#E96747  
}
```

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 #E96747 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E96747
}
```

Border

The CSS property to change the border of an element to Hex E96747 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
#E96747 }
```

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

```
.border{ border-color:#E96747 }
```

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

Here you see how a box with a 4 pixel #E96747 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E96747; -webkit-box-shadow:4px 4px  
4px 4px #E96747; box-shadow:4px 4px 4px  
4px #E96747 }
```

Background

The CSS property to change the background color of an element to Hex E96747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E96747 }
```

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

```
.background{ background-color:#E96747 }
```

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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