

Converting Colors

Hex(E96145)

Have a look what the booklet for
Hex(E96145) contains.

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Color

Hex(E96145)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E96145 |
| RGB | 233, 97, 69 |
| RGB Percent | 91%, 38%, 27% |
| CMY | 0.0863, 0.6196, 0.7294 |
| CMYK | 0.00, 0.58, 0.70, 0.09 |
| HSL | 10°, 79%, 59% |
| HSV | 10°, 70%, 91% |
| XYZ | 38.9531, 26.3027, 8.6541 |
| YIQ | 134.4720, 90.0440, 20.1240 |

Conversions

Conversions Part 2

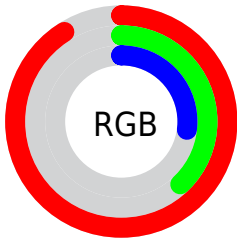
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 233, 103, 69 |
| Decimal | 15294789 |
| CIE _{Lab} | 58.32, 51.04, 42.15 |
| CIE _{LCh} | 58, 66.195, 39.554 |
| Yxy | 26.3027, 0.5270, 0.3559 |
| Android (android.graphics.Color) | 4293484869 (0xFFE96145) |
| YUV | 134.4720, -32.2777, 86.4091 |
| Hunter-Lab | 51.2862, 45.8245, 25.8956 |

Details

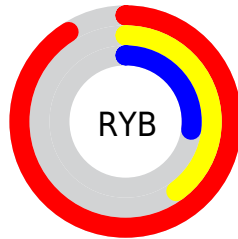
The Hex color **E96145** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **45CDE9**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF9876**, and **AA2917** is the 20% darker color. If you saturate the color by 10%, you get **E94E2E**, and if you desaturate by 10%, it is **E9745C**.

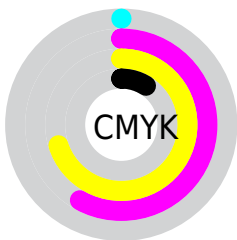
Distribution



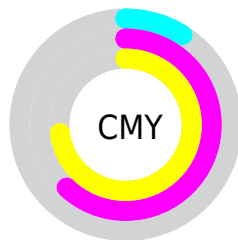
- Red (91%)
- Green (38%)
- Blue (27%)



- Red (91%)
- Yellow (40%)
- Blue (27%)



- Cyan (0%)
- Magenta (58%)
- Yellow (70%)
- Black (9%)



- Cyan (9%)
- Magenta (62%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color E96145 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 E96145 by changing the saturation by 10% instead.

 E96145

 E96145

FFFFFF

 CA462E

 FF9876

 AA2917

 FFB490

 8C0100

 FFD0AB

 6D0000

 FFEDC7

 4F0000

 FFFF E3

 350002

 020000

 000000

 E96145

 E96145

 E94E2E

 E9745C

 E93A16

 E98874

 E92800

 E99B8B

 E9AEA2

 E9C2BA

 E9D5D1

 E9E8E8

 E9FCFF

 E9FFFF

Harmonies

Analogous

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



F3507C



E96145



C87B10

Triad

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



E96145



00A461



038DFF

Complementary

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



E96145



45CDE9

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.



009DF9



E96145



00A79E

Square

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



E96145



579D28



00A5D5



A674E6

Rectangle

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



E96145



A88900



00A5D5



0093FF

Sweetspot

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



E96145



FFD3C9



E945CE



806560



000000



808080

Same Dimension

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



E96145



FF4D29



E9B245



756C6A



B51F00



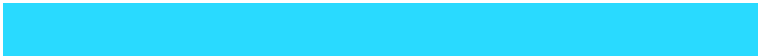
360900

Inverse Universe

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



45CDE9



29DAFF



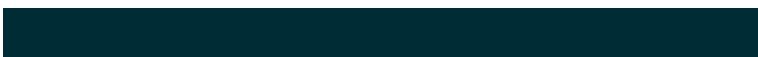
457CE9



6A7375



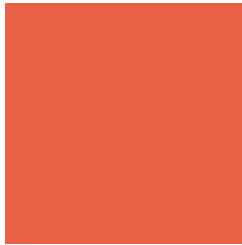
0096B5



002C36

Previews

White Background



This preview shows how the Hex color E96145 looks on a white background.

Color Contrast Check

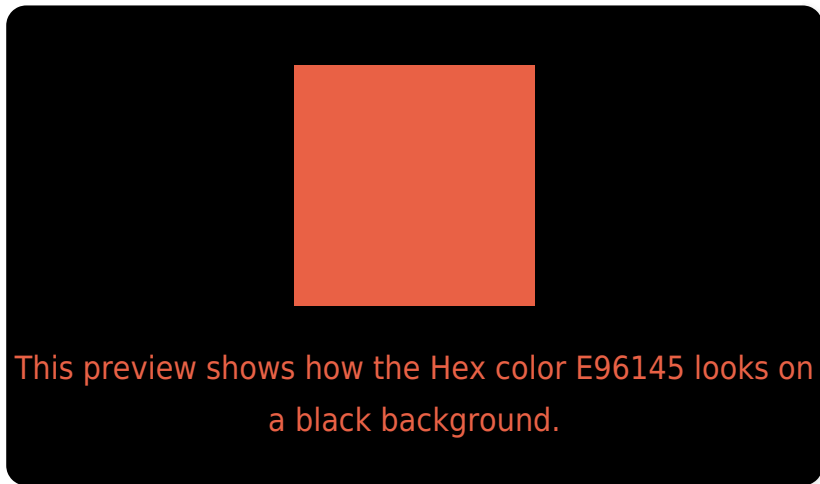
Large Text (above 18pt) WCAG AA ✓ Pass

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 E96145 Background



This preview shows how black text looks on a background with the Hex color E96145.



This preview shows how white text looks on a background with the Hex color E96145.

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
E96145

Protanopia
9A8D54

Deuteranopia
AE863D

Trichromacy



Original Color
E96145

Protanomaly
B77D4F

Deuteranomaly
C37940

Tritanomaly
EA5E58

Monochromacy



Original Color
E96145

Achromatopsia
868686

Achromatomaly
AA796E

CSS Examples

Text

The CSS property to change the color of the text to Hex E96145 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 #E96145 looks like.

```
.text, #text, p{  
    color:#E96145  
}
```

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 #E96145 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E96145
}
```

Border

The CSS property to change the border of an element to Hex E96145 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
#E96145 }
```

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

```
.border{ border-color:#E96145 }
```

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

Here you see how a box with a 4 pixel #E96145 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E96145; -webkit-box-shadow:4px 4px  
4px 4px #E96145; box-shadow:4px 4px 4px  
4px #E96145 }
```

Background

The CSS property to change the background color of an element to Hex E96145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E96145 }
```

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

```
.background{ background-color:#E96145 }
```

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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