

Converting Colors

Hex(E96F27)

Have a look what the booklet for
Hex(E96F27) contains.

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Color

Hex(E96F27)

Conversions

Conversions Part 1

Format	Color
Hex	E96F27
RGB	233, 111, 39
RGB Percent	91%, 44%, 15%
CMY	0.0863, 0.5647, 0.8471
CMYK	0.00, 0.52, 0.83, 0.09
HSL	22°, 82%, 53%
HSV	22°, 83%, 91%
XYZ	39.6549, 28.8390, 5.3959
YIQ	139.2700, 95.8240, 3.4720

Conversions

Conversions Part 2

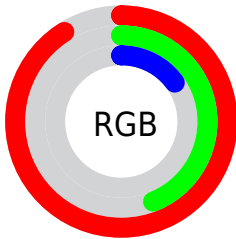
Format	Color
R_{YB}	233, 153, 39
Decimal	15298343
CIE _{Lab}	60.64, 43.27, 58.67
CIE _{LCh}	61, 72.905, 53.591
Yxy	28.8390, 0.5367, 0.3903
Android (android.graphics.Color)	4293488423 (0xFFE96F27)
YUV	139.2700, -49.4331, 82.2012
Hunter-Lab	53.7020, 37.8306, 31.6340

Details

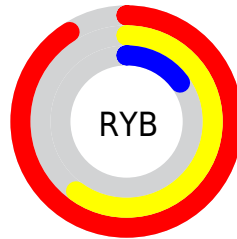
The Hex color **E96F27** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **27A1E9**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FFA55B**, and **AA3B00** is the 20% darker color. If you saturate the color by 10%, you get **E96010**, and if you desaturate by 10%, it is **E97E3E**.

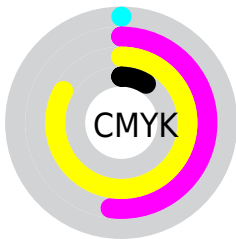
Distribution



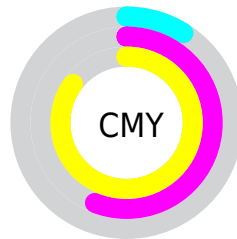
- Red (91%)
- Green (44%)
- Blue (15%)



- Red (91%)
- Yellow (60%)
- Blue (15%)



- Cyan (0%)
- Magenta (52%)
- Yellow (83%)
- Black (9%)



- Cyan (9%)
- Magenta (56%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color E96F27 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 E96F27 by changing the saturation by 10% instead.

 E96F27

 E96F27

FFFFFF

 C95507

 FFA55B

 AA3B00

 FFC175

 8B2000

 FFDD90

 6D0000

 FFFAAB

 4F0000

 FFFFC7

 360002

 FFFF E3

 080000

 000000

 E96F27

 E96F27

 E96010

 E97E3E

 E95600

 E98C56

 E99B6D

 E9AA84

 E9B89C

 E9C7B3

 E9D6CA

 E9E4E1

 E9F3F9

Harmonies

Analogous

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



FF5363



E96F27



BB8B00

Triad

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



E96F27



00AE82



7287FF

Complementary

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



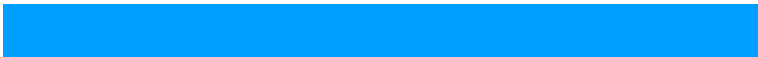
E96F27



27A1E9

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.



009EFF



E96F27



00AFC4

Square

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



E96F27



0AA940



00ABF9



D268E0

Rectangle

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



E96F27



949800



00ABF9



2A90FF

Sweetspot

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



E96F27



FFD7BF



E927A2



806759



000000



808080

Same Dimension

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



E96F27



FF5F00



E9CF27



756E6A



B54300



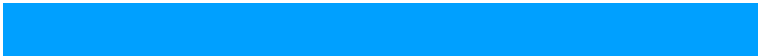
361400

Inverse Universe

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



27A1E9



00A0FF



2741E9



6A7175



0072B5



002236

Previews

White Background



This preview shows how the Hex color E96F27 looks on a white background.

Color Contrast Check

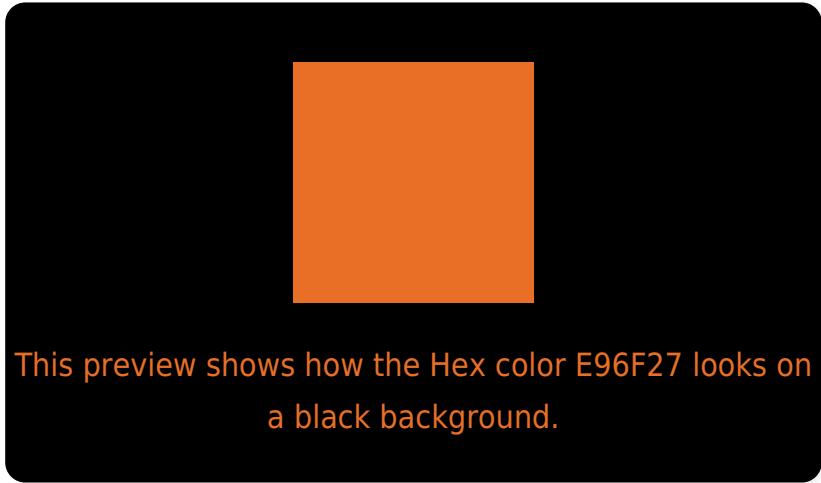
Large Text (above 18pt) WCAG AA ✓ Pass

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 E96F27 Background



This preview shows how black text looks on a background with the Hex color E96F27.

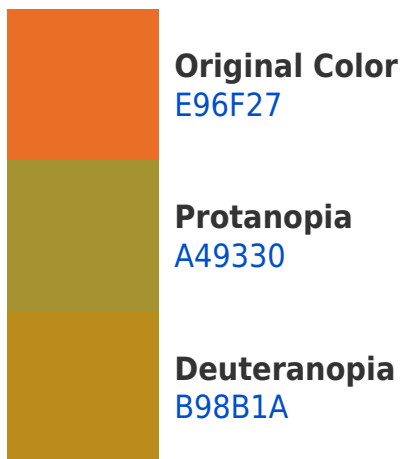


This preview shows how white text looks on a background with the Hex color E96F27.

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



Trichromacy



Original Color
E96F27

Protanomaly
BD862D

Deuteranomaly
CA811F

Tritanomaly
EB6B55

Monochromacy



Original Color
E96F27

Achromatopsia
8B8B8B

Achromatomaly
AD8167

CSS Examples

Text

The CSS property to change the color of the text to Hex E96F27 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 #E96F27 looks like.

```
.text, #text, p{  
    color:#E96F27  
}
```

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 #E96F27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E96F27  
}
```

Border

The CSS property to change the border of an element to Hex E96F27 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  
#E96F27 }
```

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

```
.border{ border-color:#E96F27 }
```

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

Here you see how a box with a 4 pixel #E96F27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E96F27; -webkit-box-shadow:4px 4px  
4px 4px #E96F27; box-shadow:4px 4px 4px  
4px #E96F27 }
```

Background

The CSS property to change the background color of an element to Hex E96F27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E96F27 }
```

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

```
.background{ background-color:#E96F27 }
```

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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