

Converting Colors

Hex(E96827)

Have a look what the booklet for
Hex(E96827) contains.

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Color

Hex(E96827)

Conversions

Conversions Part 1

Format	Color
Hex	E96827
RGB	233, 104, 39
RGB Percent	91%, 41%, 15%
CMY	0.0863, 0.5922, 0.8471
CMYK	0.00, 0.55, 0.83, 0.09
HSL	20°, 82%, 53%
HSV	20°, 83%, 91%
XYZ	38.9208, 27.3708, 5.1512
YIQ	135.1610, 97.7490, 7.1330

Conversions

Conversions Part 2

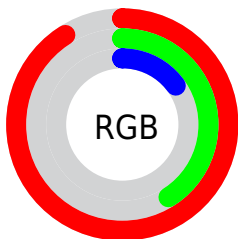
Format	Color
RYB	233, 137, 39
Decimal	15296551
CIELab	59.32, 46.66, 57.52
CIELCh	59, 74.064, 50.954
Yxy	27.3708, 0.5448, 0.3831
Android (android.graphics.Color)	4293486631 (0xFFE96827)
YUV	135.1610, -47.4074, 85.8048
Hunter-Lab	52.3171, 41.2386, 30.7842

Details

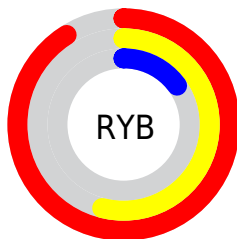
The Hex color **E96827** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **27A8E9**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FF9E5A**, and **AA3300** is the 20% darker color. If you saturate the color by 10%, you get **E95910**, and if you desaturate by 10%, it is **E9773E**.

Distribution



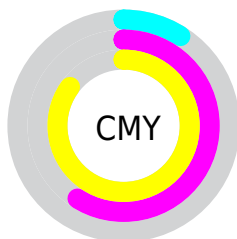
- Red (91%)
- Green (41%)
- Blue (15%)



- Red (91%)
- Yellow (54%)
- Blue (15%)



- Cyan (0%)
- Magenta (55%)
- Yellow (83%)
- Black (9%)



- Cyan (9%)
- Magenta (59%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color E96827 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 E96827 by changing the saturation by 10% instead.

 E96827

 E96827

FFFFFF

 C94E09

 FF9E5A

 AA3300

 FFBA74

 8B1500

 FFD68F

 6C0000

 FFF3AA

 4E0000

 FFFFC6

 350002

 FFFFE2

 020000

 000000

 E96827

 E96827

 E95910

 E9773E

 E94E00

 E98756

 E9966D

 E9A684

 E9B59C

 E9C5B3

 E9D4CA

 E9E4E1

 E9F3F9

Harmonies

Analogous

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



FF4B65



E96827



BC8500

Triad

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



E96827



00AB78



5E86FF

Complementary

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



E96827



27A8E9

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.



009CFF



E96827



00ACBC

Square

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



E96827



19A535



00A8F3



C966E2

Rectangle

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



E96827



969300



00A8F3



008FFF

Sweetspot

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



E96827



FFD5BF



E927A8



806659



000000



808080

Same Dimension

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



E96827



FF5500



E9C927



756E6A



B53D00



361200

Inverse Universe

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



27A8E9



00AAFF



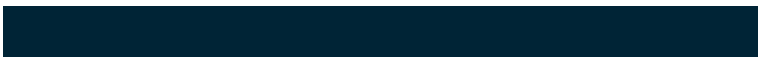
2747E9



6A7175



0078B5



002436

Previews

White Background



This preview shows how the Hex color E96827 looks on a white background.

Color Contrast Check

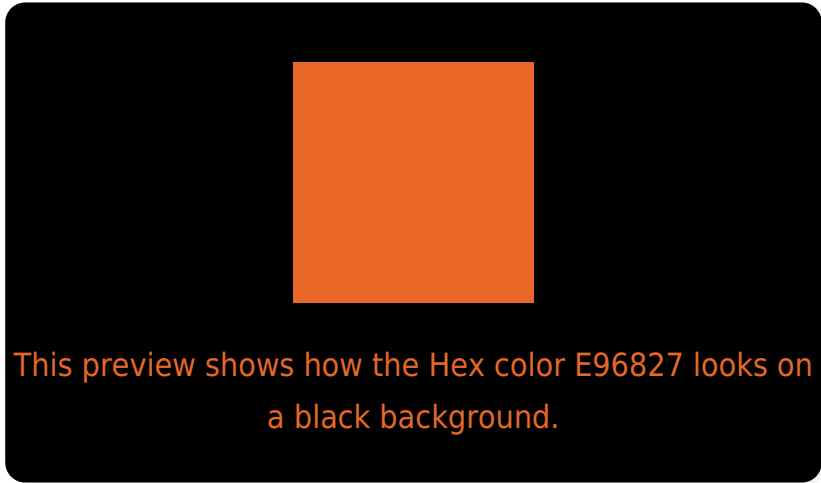
Large Text (above 18pt) WCAG AA ✓ Pass

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 E96827 Background



This preview shows how black text looks on a background with the Hex color E96827.



This preview shows how white text looks on a background with the Hex color E96827.

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
E96827

Protanopia
A09031

Deuteranopia
B58819

Trichromacy



Original Color
E96827

Protanomaly
BB812D

Deuteranomaly
C87C1E

Tritanomaly
EA6450

Monochromacy



Original Color
E96827

Achromatopsia
878787

Achromatomaly
AB7C64

CSS Examples

Text

The CSS property to change the color of the text to Hex E96827 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 #E96827 looks like.

```
.text, #text, p{  
    color:#E96827  
}
```

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 #E96827 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E96827
}
```

Border

The CSS property to change the border of an element to Hex E96827 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
#E96827 }
```

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

```
.border{ border-color:#E96827 }
```

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

Here you see how a box with a 4 pixel #E96827 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E96827; -webkit-box-shadow:4px 4px  
4px 4px #E96827; box-shadow:4px 4px 4px  
4px #E96827 }
```

Background

The CSS property to change the background color of an element to Hex E96827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E96827 }
```

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

```
.background{ background-color:#E96827 }
```

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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