

Converting Colors

Hex(E0871F)

Have a look what the booklet for
Hex(E0871F) contains.

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Color

Hex(E0871F)

Conversions

Conversions Part 1

Format	Color
Hex	E0871F
RGB	224, 135, 31
RGB Percent	88%, 53%, 12%
CMY	0.1216, 0.4706, 0.8784
CMYK	0.00, 0.40, 0.86, 0.12
HSL	32°, 76%, 50%
HSV	32°, 86%, 88%
XYZ	39.6518, 33.2742, 5.6290
YIQ	149.7550, 86.4280, -13.4760

Conversions

Conversions Part 2

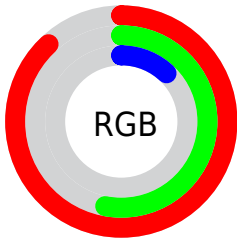
Format	Color
RYB	196, 224, 31
Decimal	14714655
CIELab	64.38, 27.13, 64.08
CIELCh	64, 69.590, 67.056
Yxy	33.2742, 0.5048, 0.4236
Android (android.graphics.Color)	4292904735 (0xFFE0871F)
YUV	149.7550, -58.5462, 65.1129
Hunter-Lab	57.6838, 21.7541, 34.5929

Details

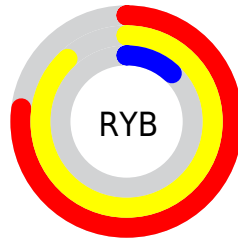
The Hex color **E0871F** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **1F78E0**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFBD57**, and **A35500** is the 20% darker color. If you saturate the color by 10%, you get **E07D09**, and if you desaturate by 10%, it is **E09135**.

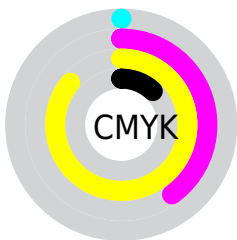
Distribution



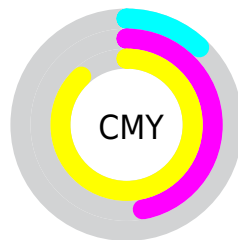
- Red (88%)
- Green (53%)
- Blue (12%)



- Red (77%)
- Yellow (88%)
- Blue (12%)



- Cyan (0%)
- Magenta (40%)
- Yellow (86%)
- Black (12%)



- Cyan (12%)
- Magenta (47%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color E0871F 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 E0871F by changing the saturation by 10% instead.

 E0871F

 E0871F

FFFFFF

 C16D00

 FFBD57

 A35500

 FFD972

 853D00

 FFF58D

 672600

 FFFFA8

 4B0F00

 FFFFC5

 300000

 FFFFE1

 080000

 000000

 E0871F

 E0871F

 E07D09

 E09135

 E07900

 E09C4C

 E0A662

 E0B079

 E0BB8F

 E0C5A5

 E0CFBC

 E0DAD2

 E0E4E9

Harmonies

Analogous

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



FF6C54



E0871F



AD9E00

Triad

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



E0871F



00B9AA



B085FF

Complementary

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



E0871F



1F78E0

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.



009FFF



E0871F



00B7E6

Square

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



E0871F



00B669



00AFFF



F269CE

Rectangle

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



E0871F



83A91A



00AFFF



8F8EFF

Sweetspot

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



E0871F



FFE0BD



E01F79



806D58



000000



808080

Same Dimension

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



E0871F



FF8900



DAE01F



706B65



B05F00



301A00

Inverse Universe

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



1F78E0



0076FF



251FE0



656A70



0051B0



001630

Previews

White Background



This preview shows how the Hex color E0871F looks on a white background.

Color Contrast Check

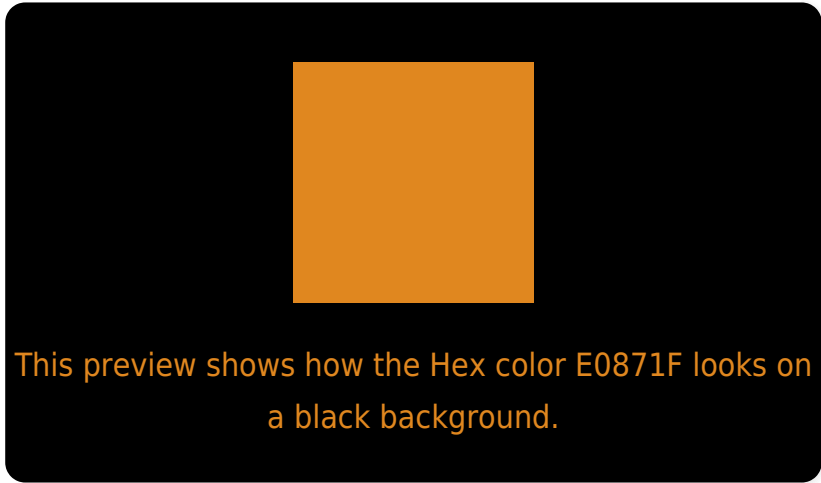
Large Text (above 18pt) WCAG AA × Fail

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 E0871F Background



This preview shows how black text looks on a background with the Hex color E0871F.

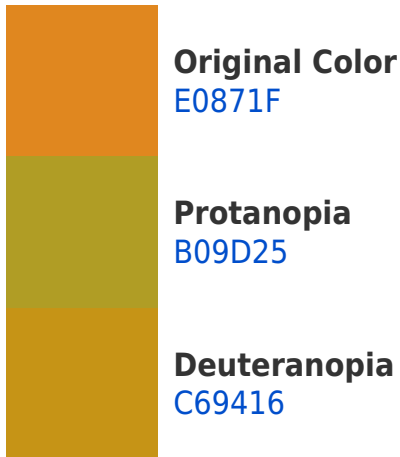


This preview shows how white text looks on a background with the Hex color E0871F.

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](#).

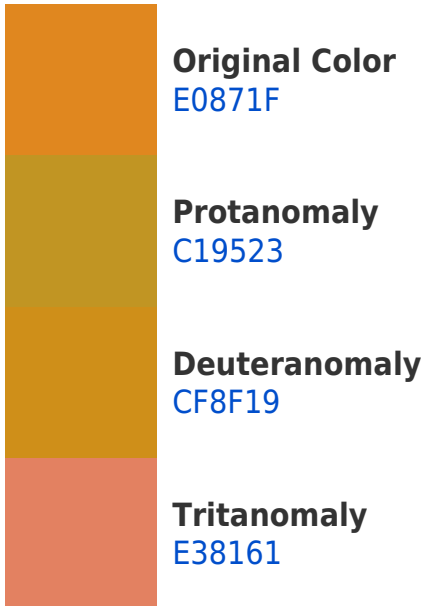
Dichromacy





Tritanopia
E57E87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E0871F 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 #E0871F looks like.

```
.text, #text, p{  
    color:#E0871F  
}
```

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 #E0871F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0871F
}
```

Border

The CSS property to change the border of an element to Hex E0871F 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
#E0871F }
```

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

```
.border{ border-color:#E0871F }
```

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

Here you see how a box with a 4 pixel #E0871F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0871F; -webkit-box-shadow:4px 4px  
4px 4px #E0871F; box-shadow:4px 4px 4px  
4px #E0871F }
```

Background

The CSS property to change the background color of an element to Hex E0871F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0871F }
```

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

```
.background{ background-color:#E0871F }
```

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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