

# Converting Colors

Hex(E0841F)

Have a look what the booklet for  
Hex(E0841F) contains.

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**Color**

**Hex(E0841F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0841F
RGB	224, 132, 31
RGB Percent	88%, 52%, 12%
CMY	0.1216, 0.4824, 0.8784
CMYK	0.00, 0.41, 0.86, 0.12
HSL	31°, 76%, 50%
HSV	31°, 86%, 88%
XYZ	39.2391, 32.4488, 5.4914
YIQ	147.9940, 87.2530, -11.9070

# Conversions

## Conversions Part 2

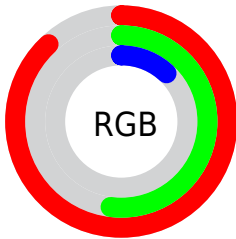
<b>Format</b>	<b>Color</b>
<b>RYB</b>	207, 224, 31
Decimal	14713887
CIELab	63.71, 28.72, 63.54
CIELCh	64, 69.729, 65.680
Yxy	32.4488, 0.5084, 0.4204
Android (android.graphics.Color)	4292903967 (0xFFE0841F)
YUV	147.9940, -57.6780, 66.6573
Hunter-Lab	56.9638, 23.2716, 34.1590

# Details

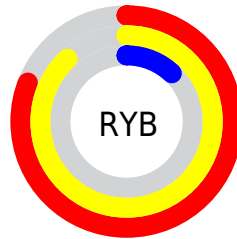
The Hex color **E0841F** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **1F7BE0**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFBA57**, and **A25200** is the 20% darker color. If you saturate the color by 10%, you get **E07909**, and if you desaturate by 10%, it is **E08F35**.

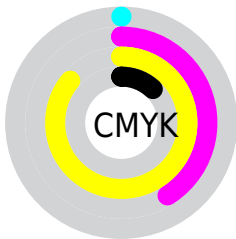
# Distribution



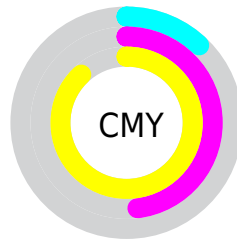
- Red (88%)
- Green (52%)
- Blue (12%)



- Red (81%)
- Yellow (88%)
- Blue (12%)



- Cyan (0%)
- Magenta (41%)
- Yellow (86%)
- Black (12%)



- Cyan (12%)
- Magenta (48%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E0841F 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 E0841F by changing the saturation by 10% instead.



 E0841F

 E0841F

FFFFFF

 C16A00

 FFBA57

 A25200

 FFD571

 843A00

 FFF28C

 672300

 FFFFA8

 4A0A00

 FFFFC4

 300000

 FFFFE1

 040000

FFFFFFE

 000000

 E0841F

 E0841F

 E07909

 E08F35

 E07500

 E0994C

 E0A462

 E0AF79

 E0B98F

 E0C4A5

 E0CFBC

 E0D9D2

 E0E4E9

# Harmonies

## Analogous

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



FF6955



E0841F



AD9B00

# Triad

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



E0841F



00B7A5



AA84FF

# Complementary

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



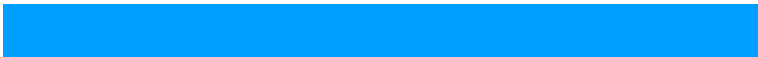
E0841F



1F7BE0

# 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



E0841F



00B6E1

# Square

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



E0841F



00B464



00AEFF



EE68CF

# Rectangle

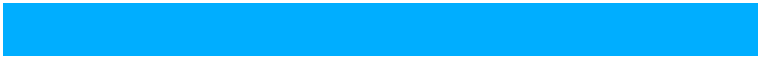
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E0841F



84A713



00AEFF



878EFF



# Sweetspot

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



E0841F



FFDFBD



E01F7C



806D58



000000



808080



# Same Dimension

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



E0841F



FF8500



DDE01F



706B65



B05C00



301900



# Inverse Universe

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



1F7BE0



007AFF



221FE0



656A70



0054B0



001730



# Previews

## White Background



This preview shows how the Hex color E0841F looks on a white background.

## Color Contrast Check

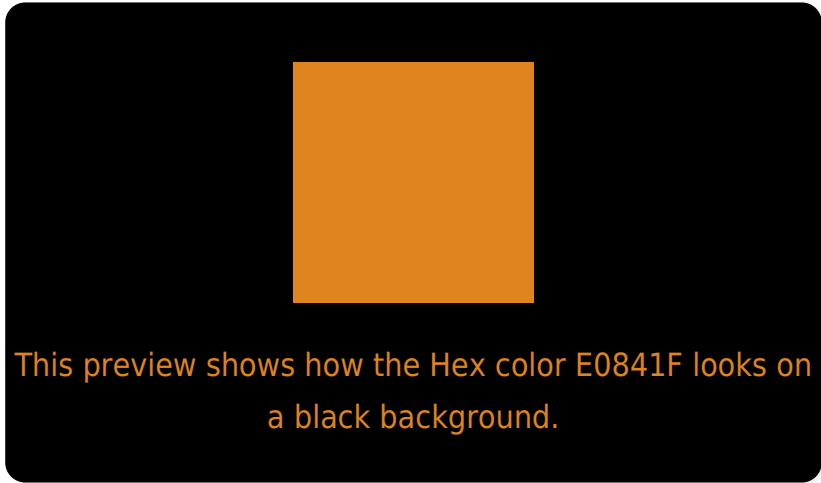
Large Text (above 18pt) WCAG AA × Fail

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 E0841F Background



This preview shows how black text looks on a background with the Hex color E0841F.



This preview shows how white text looks on a background with the Hex color E0841F.

# 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**  
E0841F

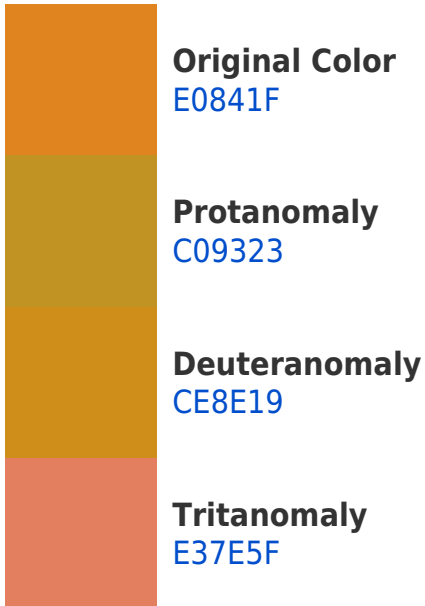
**Protanopia**  
AE9B25

**Deuteranopia**  
C39315

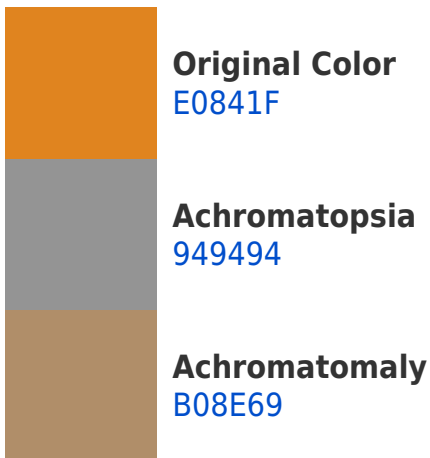


**Tritanopia**  
E57B84

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0841F 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 #E0841F looks like.

```
.text, #text, p{  
    color:#E0841F  
}
```

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 #E0841F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0841F
}
```

## Border

The CSS property to change the border of an element to Hex E0841F 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
#E0841F }
```

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

```
.border{ border-color:#E0841F }
```

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

Here you see how a box with a 4 pixel #E0841F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0841F; -webkit-box-shadow:4px 4px  
4px 4px #E0841F; box-shadow:4px 4px 4px  
4px #E0841F }
```

# Background

The CSS property to change the background color of an element to Hex E0841F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0841F }
```

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

```
.background{ background-color:#E0841F }
```

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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