

# Converting Colors

Hex(0E872F)

Have a look what the booklet for  
Hex(0E872F) contains.

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# Color

Hex(0E872F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0E872F
RGB	14, 135, 47
RGB Percent	5%, 53%, 18%
CMY	0.9451, 0.4706, 0.8157
CMYK	0.90, 0.00, 0.65, 0.47
HSL	136°, 81%, 29%
HSV	136°, 90%, 53%
XYZ	9.3582, 17.6265, 5.5984
YIQ	88.7890, -43.8680, -53.0200

# Conversions

## Conversions Part 2

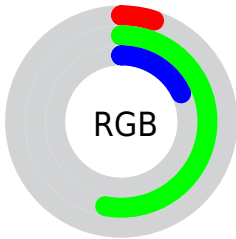
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	14, 109, 135
Decimal	952111
CIE <sub>Lab</sub>	49.04, -49.46, 37.77
CIE <sub>LCh</sub>	49, 62.234, 142.637
Yxy	17.6265, 0.2872, 0.5410
Android (android.graphics.Color)	4279142191 (0xFF0E872F)
YUV	88.7890, -20.6020, -65.5900
Hunter-Lab	41.9840, -33.6846, 21.4827

# Details

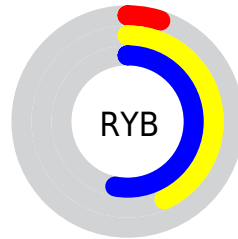
The Hex color **0E872F** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **870E66**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **56BD61**, and **005400** is the 20% darker color. If you saturate the color by 10%, you get **018725**, and if you desaturate by 10%, it is **1C8739**.

# Distribution



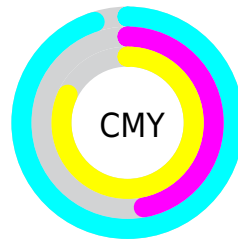
- Red (5%)
- Green (53%)
- Blue (18%)



- Red (5%)
- Yellow (43%)
- Blue (53%)



- Cyan (90%)
- Magenta (0%)
- Yellow (65%)
- Black (47%)



- Cyan (95%)
- Magenta (47%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0E872F 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 0E872F by changing the saturation by 10% instead.



 0E872F

 0E872F

FFFFFF

 006D16

 56BD61

 005400

 73DA7A

 003B00

 8FF795

 002500

 ACFFB0

 000000

 C9FFCC

 E6FFE8

 0E872F

 0E872F

 018725

 1C8739

■ 008725

■ 298743

■ 37874C

■ 448756

■ 528760

■ 5F876A

■ 6D8774

■ 7A877E

■ 888787

# Harmonies

## Analogous

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



667E00



0E872F



008B65

# Triad

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



0E872F



007FDE



D0404F

# Complementary

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



0E872F



870E66

# 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.



CB3C84



0E872F



566CD7

# Square

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



0E872F



0089C8



A752B5



BC571E

# Rectangle

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



0E872F



008C8A



A752B5



D23B61



# Sweetspot

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



0E872F



80B08D



67870E



3D5944



D9D9D9



595959



# Same Dimension

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



0E872F



00B030



0E876B



3C423D



008223



000301



# Inverse Universe

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



870E66



B00080



870E2A



423C40



82005F

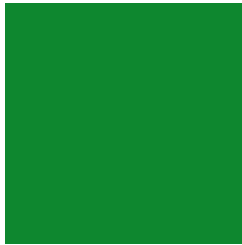


030002



# Previews

## White Background



This preview shows how the Hex color 0E872F looks on a white background.

## Color Contrast Check

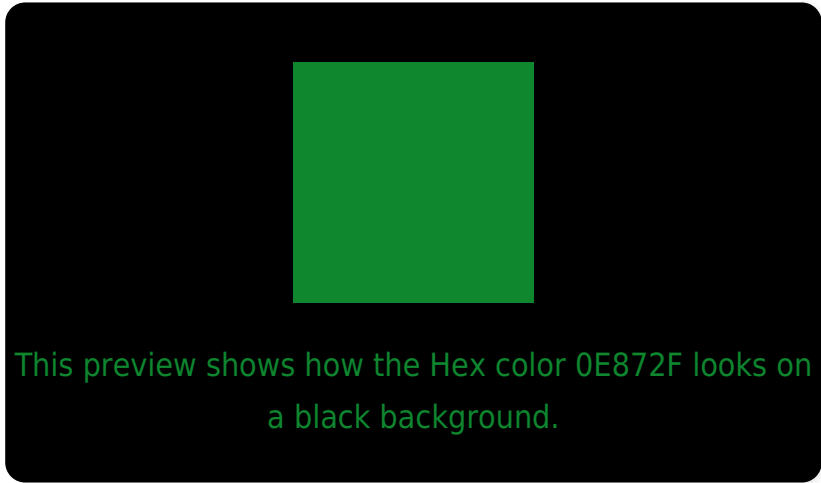
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# 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 0E872F Background



This preview shows how black text looks on a background with the Hex color 0E872F.



This preview shows how white text looks on a background with the Hex color 0E872F.

# 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**  
0E872F

**Protanopia**  
81742A

**Deuteranopia**  
8F6E37



**Tritanopia**  
387E89

# Trichromacy



**Original Color**  
0E872F



**Protanomaly**  
577B2C



**Deuteranomaly**  
607734



**Tritanomaly**  
298168

# Monochromacy



**Original Color**  
0E872F



**Achromatopsia**  
595959



**Achromatomaly**  
3E6A4A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0E872F 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 #0E872F looks like.

```
.text, #text, p{  
    color:#0E872F  
}
```

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 #0E872F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E872F
}
```

## Border

The CSS property to change the border of an element to Hex 0E872F 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
#0E872F }
```

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

```
.border{ border-color:#0E872F }
```

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

Here you see how a box with a 4 pixel #0E872F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E872F; -webkit-box-shadow:4px 4px  
4px 4px #0E872F; box-shadow:4px 4px 4px  
4px #0E872F }
```

# Background

The CSS property to change the background color of an element to Hex 0E872F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E872F }
```

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

```
.background{ background-color:#0E872F }
```

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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