

# Converting Colors

Hex(0E8F12)

Have a look what the booklet for  
Hex(0E8F12) contains.

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# Color

Hex(0E8F12)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0E8F12
RGB	14, 143, 18
RGB Percent	5%, 56%, 7%
CMY	0.9451, 0.4392, 0.9294
CMYK	0.90, 0.00, 0.87, 0.44
HSL	122°, 82%, 31%
HSV	122°, 90%, 56%
XYZ	10.1127, 19.7820, 3.8576
YIQ	90.1790, -36.7590, -66.2230

# Conversions

## Conversions Part 2

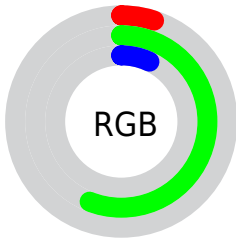
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	14, 139, 143
Decimal	954130
CIE <sub>Lab</sub>	51.59, -54.41, 50.85
CIE <sub>LCh</sub>	52, 74.470, 136.938
Yxy	19.7820, 0.2996, 0.5861
Android (android.graphics.Color)	4279144210 (0xFF0E8F12)
YUV	90.1790, -35.5842, -66.8090
Hunter-Lab	44.4769, -37.2489, 25.9915

# Details

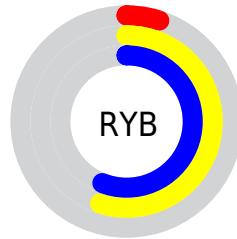
The Hex color **0E8F12** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **8F0E8B**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **5AC64B**, and **005B00** is the 20% darker color. If you saturate the color by 10%, you get **008F04**, and if you desaturate by 10%, it is **1C8F20**.

# Distribution



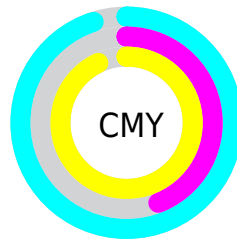
- Red (5%)
- Green (56%)
- Blue (7%)



- Red (5%)
- Yellow (55%)
- Blue (56%)



- Cyan (90%)
- Magenta (0%)
- Yellow (87%)
- Black (44%)



- Cyan (95%)
- Magenta (44%)
- Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0E8F12 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 0E8F12 by changing the saturation by 10% instead.





0E8F12



0E8F12

FFFFFF



007500



5AC64B



005B00



77E266



004200



94FF80



002C00



B2FF9C



000B00



CFFF80



000000



EDFFD4



FFFFFF



0E8F12



0E8F12

■ 008F04

■ 1C8F20

■ 2B8F2E

■ 398F3C

■ 478F49

■ 568F57

■ 648F65

■ 728F73

■ 808F81

■ 8F8F8F

# Harmonies

## Analogous

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



738300



0E8F12



00955C

# Triad

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



0E8F12



008BF8



E92C5A

# Complementary

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



0E8F12



8F0E8B

# 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.



DD309A



0E8F12



0876F6

# Square

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



0E8F12



0094D8



A956D3



D54F1B

# Rectangle

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



0E8F12



009689



A956D3



E9266F



# Sweetspot

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



0E8F12



88BA89



8D8F0E



405E41



DEDEDE



5E5E5E



# Same Dimension

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



0E8F12



00BA06



0E8F51



404740



008704



000800



# Inverse Universe

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



8F0E8B



BA00B4



8F0E4C



474047



870083

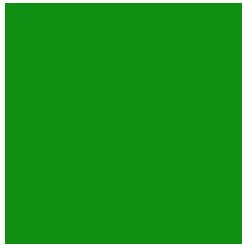


080007



# Previews

## White Background



This preview shows how the Hex color 0E8F12 looks on a white background.

## Color Contrast Check

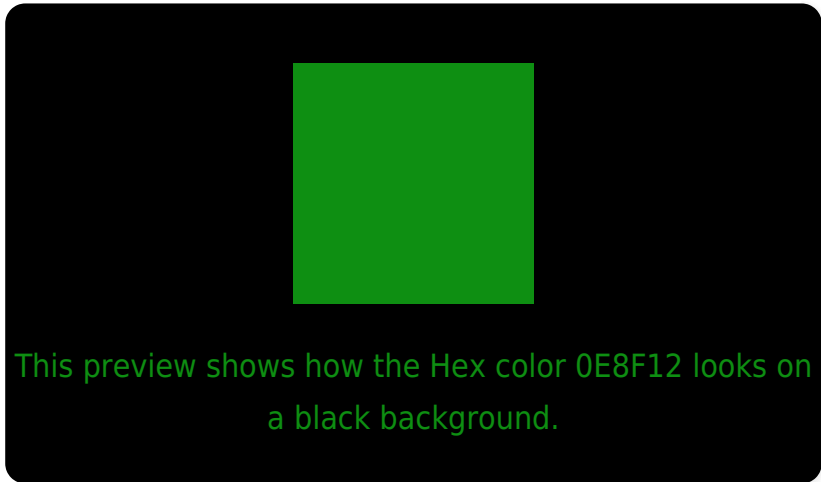
Large Text (above 18pt) WCAG AA ✓ Pass

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 0E8F12 Background



This preview shows how black text looks on a background with the Hex color 0E8F12.



This preview shows how white text looks on a background with the Hex color 0E8F12.

# 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**  
0E8F12

**Protanopia**  
8A7B0B

**Deuteranopia**  
997423



**Tritanopia**  
3D8590

# Trichromacy



**Original Color**  
0E8F12



**Protanomaly**  
5D820E



**Deuteranomaly**  
667E1D



**Tritanomaly**  
2C8962

# Monochromacy



**Original Color**  
0E8F12



**Achromatopsia**  
5A5A5A



**Achromatomaly**  
3E6D40

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0E8F12 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 #0E8F12 looks like.

```
.text, #text, p{  
    color:#0E8F12  
}
```

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 #0E8F12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E8F12
}
```

## Border

The CSS property to change the border of an element to Hex 0E8F12 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".

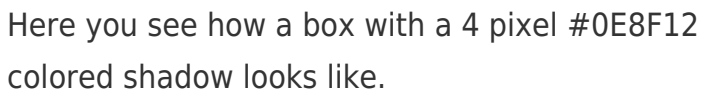
```
.border, #border, table{ border:4px solid
#0E8F12 }
```

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

```
.border{ border-color:#0E8F12 }
```

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

Here you see how a box with a 4 pixel #0E8F12 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E8F12; -webkit-box-shadow:4px 4px  
4px 4px #0E8F12; box-shadow:4px 4px 4px  
4px #0E8F12 }
```

# Background

The CSS property to change the background color of an element to Hex 0E8F12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E8F12 }
```

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

```
.background{ background-color:#0E8F12 }
```

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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