

# Converting Colors

Hex(0E911D)

Have a look what the booklet for  
Hex(0E911D) contains.

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# Color

**Hex(0E911D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0E911D
RGB	14, 145, 29
RGB Percent	5%, 57%, 11%
CMY	0.9451, 0.4314, 0.8863
CMYK	0.90, 0.00, 0.80, 0.43
HSL	127°, 82%, 31%
HSV	127°, 90%, 57%
XYZ	10.5283, 20.4329, 4.5514
YIQ	92.6070, -40.8400, -63.8480

# Conversions

## Conversions Part 2

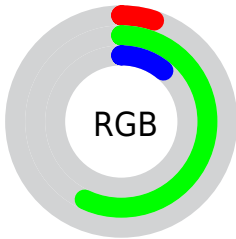
<b>Format</b>	<b>Color</b>
<b>RYB</b>	14, 132, 145
Decimal	954653
CIELab	52.32, -54.37, 48.39
CIELCh	52, 72.782, 138.331
Yxy	20.4329, 0.2965, 0.5754
Android (android.graphics.Color)	4279144733 (0xFF0E911D)
YUV	92.6070, -31.3583, -68.9383
Hunter-Lab	45.2027, -37.5299, 25.6720

# Details

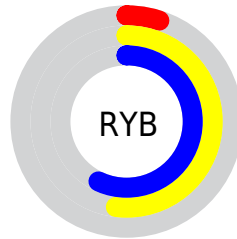
The Hex color **0E911D** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **910E82**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **5AC853**, and **005D00** is the 20% darker color. If you saturate the color by 10%, you get **009111**, and if you desaturate by 10%, it is **1D912A**.

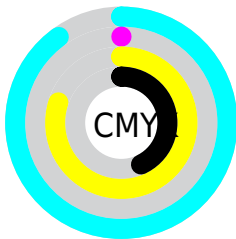
# Distribution



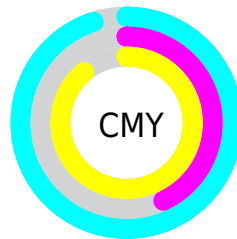
- Red (5%)
- Green (57%)
- Blue (11%)



- Red (5%)
- Yellow (52%)
- Blue (57%)



- Cyan (90%)
- Magenta (0%)
- Yellow (80%)
- Black (43%)



- Cyan (95%)
- Magenta (43%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0E911D 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 0E911D by changing the saturation by 10% instead.





0E911D



0E911D

FFFFFF



007700



5AC853



005D00



77E56D



004400



95FF88



002E00



B2FFA3



000F00



CFFFBF



000000



EDFFDB



FFFFFF8



0E911D



0E911D

■ 009111

■ 1D912A

■ 2B9137

■ 3A9144

■ 489150

■ 57915D

■ 65916A

■ 749177

■ 829184

■ 919191

# Harmonies

## Analogous

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



738500



0E911D



009761

# Triad

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



0E911D



008BF8



E9345A

# Complementary

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



0E911D



910E82

# 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.



DE3598



0E911D



3177F5

# Square

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



0E911D



0095DA



AE57D1



D5541D

# Rectangle

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



0E911D



00988D



AE57D1



E92E6E



# Sweetspot

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



0E911D



8ABD90



84910E



405E44



DEDEDE



5E5E5E



# Same Dimension

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



0E911D



00BD16



0E915D



404741



00870F



000801



# Inverse Universe

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



910E82



BD00A7



910E42



474047



870078

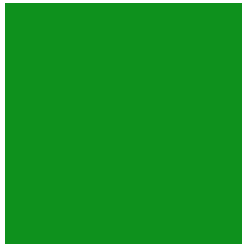


080007



# Previews

## White Background



This preview shows how the Hex color 0E911D looks on a white background.

## Color Contrast Check

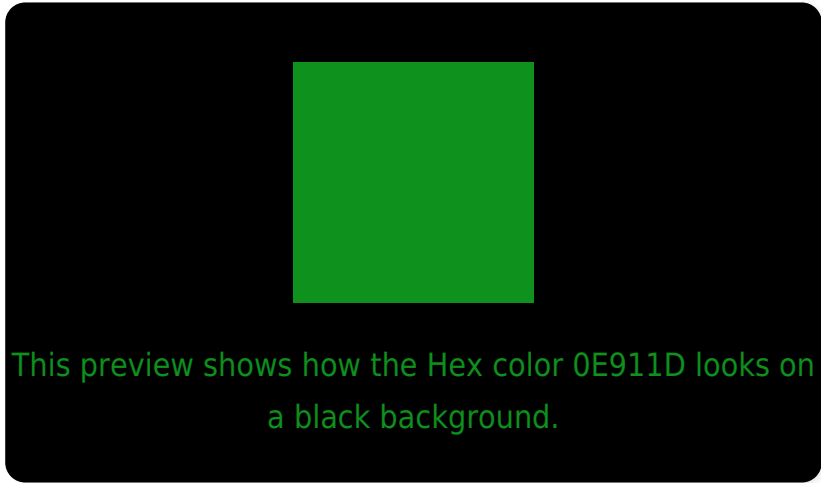
Large Text (above 18pt) WCAG AA ✓ Pass

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 0E911D Background



This preview shows how black text looks on a background with the Hex color 0E911D.



This preview shows how white text looks on a background with the Hex color 0E911D.

# 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**  
0E911D

**Protanopia**  
8C7C18

**Deuteranopia**  
9B762A



**Tritanopia**  
3D8792

# Trichromacy



**Original Color**  
0E911D



**Protanomaly**  
5E841A



**Deuteranomaly**  
688025



**Tritanomaly**  
2C8B67

# Monochromacy



**Original Color**  
0E911D



**Achromatopsia**  
5D5D5D



**Achromatomaly**  
407046

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0E911D 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 #0E911D looks like.

```
.text, #text, p{  
    color:#0E911D  
}
```

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 #0E911D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E911D
}
```

## Border

The CSS property to change the border of an element to Hex 0E911D 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
#0E911D }
```

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

```
.border{ border-color:#0E911D }
```

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

Here you see how a box with a 4 pixel #0E911D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E911D; -webkit-box-shadow:4px 4px  
4px 4px #0E911D; box-shadow:4px 4px 4px  
4px #0E911D }
```

# Background

The CSS property to change the background color of an element to Hex 0E911D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E911D }
```

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

```
.background{ background-color:#0E911D }
```

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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