

# Converting Colors

Hex(0E301D)

Have a look what the booklet for  
Hex(0E301D) contains.

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# Color

**Hex(0E301D)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 0E301D                      |
| RGB         | 14, 48, 29                  |
| RGB Percent | 5%, 19%, 11%                |
| CMY         | 0.9451, 0.8118, 0.8863      |
| CMYK        | 0.71, 0.00, 0.40, 0.81      |
| HSL         | 146°, 55%, 12%              |
| HSV         | 146°, 71%, 19%              |
| XYZ         | 1.4598, 2.2960, 1.5286      |
| YIQ         | 35.6680, -14.1650, -13.1170 |

# Conversions

## Conversions Part 2

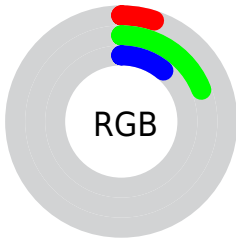
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 14, 38, 48                    |
| Decimal                             | 929821                        |
| CIE <sub>Lab</sub>                  | 16.97, -17.82, 8.60           |
| CIE <sub>LCh</sub>                  | 17, 19.789, 154.252           |
| Yxy                                 | 2.2960, 0.2763,<br>0.4345     |
| Android<br>(android.graphics.Color) | 4279119901<br>(0xFF0E301D)    |
| YUV                                 | 35.6680, -3.2873,<br>-19.0028 |
| Hunter-Lab                          | 15.1525, -9.3197,<br>4.6254   |

# Details

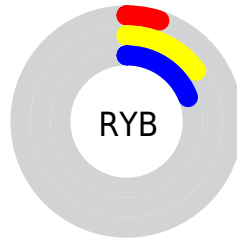
The Hex color **0E301D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **300E21**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **3C5E49**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **09301A**, and if you desaturate by 10%, it is **133020**.

# Distribution



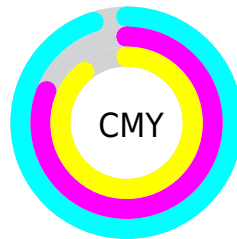
- Red (5%)
- Green (19%)
- Blue (11%)



- Red (5%)
- Yellow (15%)
- Blue (19%)



- Cyan (71%)
- Magenta (0%)
- Yellow (40%)
- Black (81%)



- Cyan (95%)
- Magenta (81%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0E301D 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 0E301D by changing the saturation by 10% instead.



 0E301D

 0E301D

 F5FFFF

 001C04

 3C5E49

 000000

 547760

 6D9179

 86AC93

 A1C7AE

 BCE3C9

 D8FFE5

 0E301D

 0E301D

■ 09301A

■ 133020

■ 043018

■ 183022

■ 003015

■ 1C3025

■ 213028

■ 26302A

■ 2B302D

■ 303030

■ 343032

■ 393035

# Harmonies

## Analogous

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



212E11



0E301D



00312B

# Triad

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



0E301D



142B46



43201B

# Complementary

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



0E301D



300E21

# 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.



441E28



0E301D



2D2541

# Square

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



0E301D



002F43



3D2036



3C2510

# Rectangle

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



0E301D



003135



3D2036



441F1F



# Sweetspot

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



0E301D



303D36



21300E



171F1A



9E9E9E



1F1F1F



# Same Dimension

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



0E301D



093D20



0E302E



151716



005726



00D65F



# Inverse Universe

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



300E21



3D0926



300E10



171516



570030

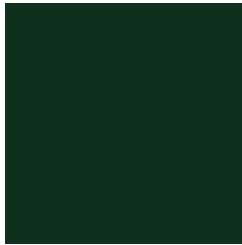


D60078



# Previews

## White Background



This preview shows how the Hex color 0E301D looks on a white background.

## Color Contrast Check

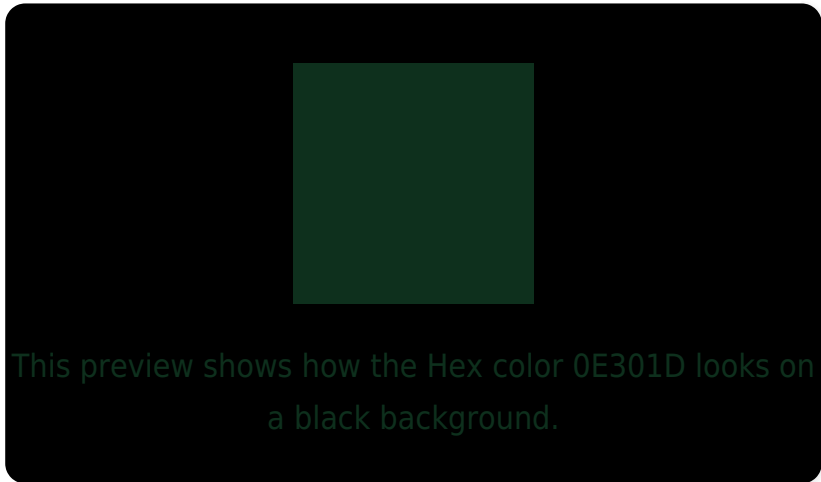
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

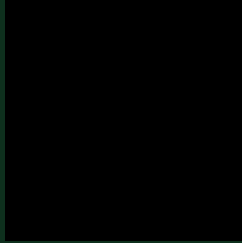
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0E301D Background



This preview shows how black text looks on a background with the Hex color 0E301D.



This preview shows how white text looks on a background with the Hex color 0E301D.

# 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**  
0E301D

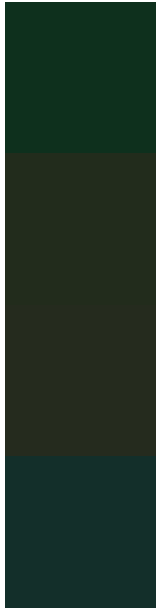
**Protanopia**  
2E2A1B

**Deuteranopia**  
32281F



**Tritanopia**  
162E31

# Trichromacy



**Original Color**  
0E301D

**Protanomaly**  
222C1C

**Deuteranomaly**  
252B1E

**Tritanomaly**  
132F2A

# Monochromacy



**Original Color**  
0E301D

**Achromatopsia**  
242424

**Achromatomaly**  
1C2821

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0E301D 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 #0E301D looks like.

```
.text, #text, p{  
    color:#0E301D  
}
```

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 #0E301D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E301D
}
```

## Border

The CSS property to change the border of an element to Hex 0E301D 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
#0E301D }
```

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

```
.border{ border-color:#0E301D }
```

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

Here you see how a box with a 4 pixel #0E301D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E301D; -webkit-box-shadow:4px 4px  
4px 4px #0E301D; box-shadow:4px 4px 4px  
4px #0E301D }
```

# Background

The CSS property to change the background color of an element to Hex 0E301D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E301D }
```

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

```
.background{ background-color:#0E301D }
```

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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