

Converting Colors

Hex(0C301F)

Have a look what the booklet for
Hex(0C301F) contains.

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Color

Hex(0C301F)

Conversions

Conversions Part 1

Format	Color
Hex	0C301F
RGB	12, 48, 31
RGB Percent	5%, 19%, 12%
CMY	0.9529, 0.8118, 0.8784
CMYK	0.75, 0.00, 0.35, 0.81
HSL	152°, 60%, 12%
HSV	152°, 75%, 19%
XYZ	1.4559, 2.2910, 1.6618
YIQ	35.2980, -15.9990, -12.9190

Conversions

Conversions Part 2

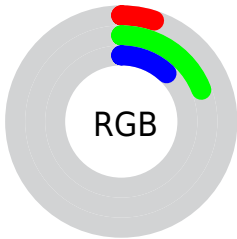
Format	Color
R_{YB}	12, 36, 48
Decimal	798751
CIE _{Lab}	16.95, -17.83, 7.19
CIE _{LCh}	17, 19.229, 158.033
Yxy	2.2910, 0.2692, 0.4236
Android (android.graphics.Color)	4278988831 (0xFF0C301F)
YUV	35.2980, -2.1189, -20.4323
Hunter-Lab	15.1360, -9.3186, 4.0857

Details

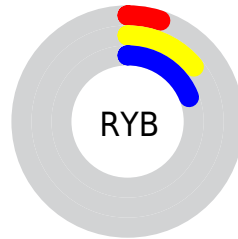
The Hex color **0C301F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **300C1D**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **3A5E4B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **07301D**, and if you desaturate by 10%, it is **113021**.

Distribution



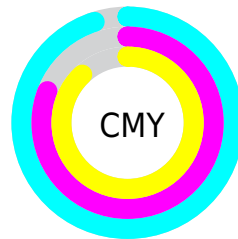
- Red (5%)
- Green (19%)
- Blue (12%)



- Red (5%)
- Yellow (14%)
- Blue (19%)



- Cyan (75%)
- Magenta (0%)
- Yellow (35%)
- Black (81%)



- Cyan (95%)
- Magenta (81%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C301F 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 0C301F by changing the saturation by 10% instead.

 0C301F

 0C301F


 F3FFFF

 001C07

 3A5E4B

 000000

 527763

 6B917C

 85AC95

 9FC7B0

 BBE3CC

 D6FFE8

 0C301F

 0C301F

■ 07301D

■ 113021

■ 02301A

■ 163024

■ 003019

■ 1A3026

■ 1F3028

■ 24302A

■ 29302D

■ 2E302F

■ 323031

■ 373033

Harmonies

Analogous

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



202E13



0C301F



00312D

Triad

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



0C301F



192A45



42211A

Complementary

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



0C301F



300C1D

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.



431E27



0C301F



30253F

Square

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



0C301F



002E43



3E2034



3A2510

Rectangle

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



0C301F



003136



3E2034



431F1E

Sweetspot

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



0C301F



2F3D37



1D300C



161F1B



9E9E9E



1F1F1F

Same Dimension

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



0C301F



063D23



0C2F30



151716



00572E



00D671

Inverse Universe

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



300C1D



3D0620



300D0C



171516



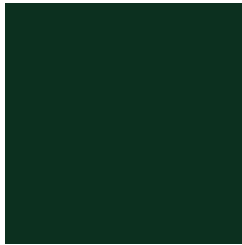
570029



D60065

Previews

White Background



This preview shows how the Hex color 0C301F looks on a white background.

Color Contrast Check

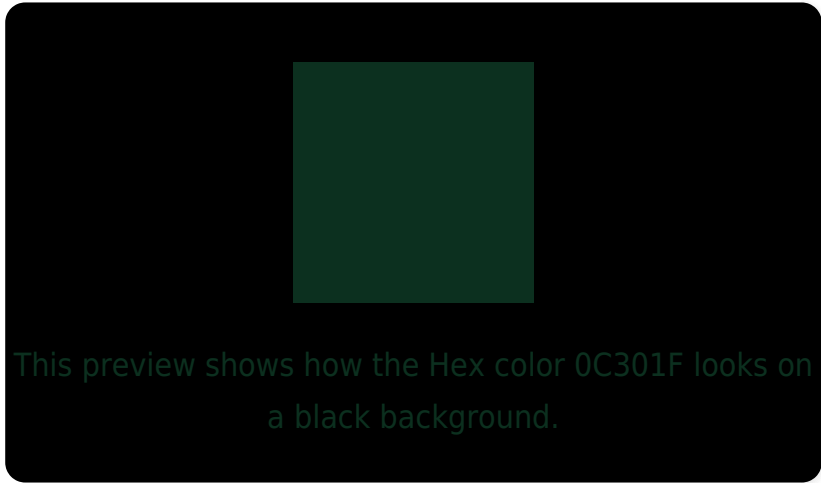
Large Text (above 18pt) WCAG AA ✓ Pass

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

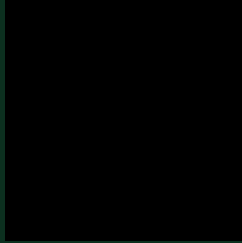
Any Text WCAG AA × Fail

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 0C301F Background



This preview shows how black text looks on a background with the Hex color 0C301F.



This preview shows how white text looks on a background with the Hex color 0C301F.

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
0C301F

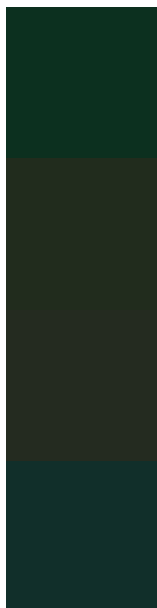
Protanopia
2D2A1C

Deuteranopia
312821



Tritanopia
142E31

Trichromacy



Original Color
0C301F

Protanomaly
212C1D

Deuteranomaly
242B20

Tritanomaly
112F2A

Monochromacy



Original Color
0C301F

Achromatopsia
232323

Achromatomaly
1B2822

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C301F 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 #0C301F looks like.

```
.text, #text, p{  
    color:#0C301F  
}
```

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 #0C301F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C301F
}
```

Border

The CSS property to change the border of an element to Hex 0C301F 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
#0C301F }
```

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

```
.border{ border-color:#0C301F }
```

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

Here you see how a box with a 4 pixel #0C301F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C301F; -webkit-box-shadow:4px 4px  
4px 4px #0C301F; box-shadow:4px 4px 4px  
4px #0C301F }
```

Background

The CSS property to change the background color of an element to Hex 0C301F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C301F }
```

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

```
.background{ background-color:#0C301F }
```

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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