

Converting Colors

Hex(0C201D)

Have a look what the booklet for
Hex(0C201D) contains.

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Color

Hex(0C201D)

Conversions

Conversions Part 1

Format	Color
Hex	0C201D
RGB	12, 32, 29
RGB Percent	5%, 13%, 11%
CMY	0.9529, 0.8745, 0.8863
CMYK	0.62, 0.00, 0.09, 0.87
HSL	171°, 45%, 9%
HSV	171°, 62%, 13%
XYZ	0.8899, 1.1999, 1.3471
YIQ	25.6780, -10.9570, -5.1730

Conversions

Conversions Part 2

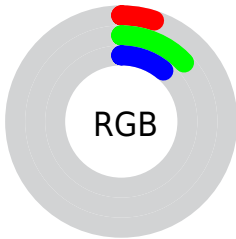
Format	Color
R _Y B	12, 23, 32
Decimal	794653
CIE Lab	10.56, -9.08, -0.47
CIE LCh	11, 9.097, 182.959
Yxy	1.1999, 0.2589, 0.3491
Android (android.graphics.Color)	4278984733 (0xFF0C201D)
YUV	25.6780, 1.6377, -11.9956
Hunter-Lab	10.9540, -4.6681, 0.3764

Details

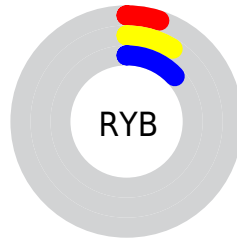
The Hex color **0C201D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **200C0F**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **374C48**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **09201D**, and if you desaturate by 10%, it is **0F201D**.

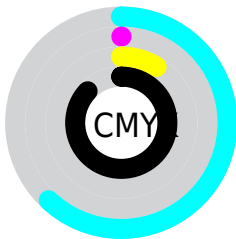
Distribution



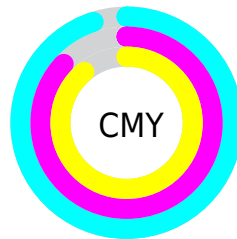
- Red (5%)
- Green (13%)
- Blue (11%)



- Red (5%)
- Yellow (9%)
- Blue (13%)



- Cyan (62%)
- Magenta (0%)
- Yellow (9%)
- Black (87%)



- Cyan (95%)
- Magenta (87%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C201D 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 0C201D by changing the saturation by 10% instead.

■ 0C201D

■ 0C201D

■ EDFFFF

■ 000403

■ 374C48

■ 000000

■ 4E6460

■ 667D79

■ 809793

■ 9AB2AD

■ B5CDC8

■ D0E9E4

■ 0C201D

■ 0C201D

■ 09201D

■ 0F201D

■ 06201C

■ 12201E

■ 02201C

■ 16201E

■ 00201B

■ 19201F

■ 1C201F

■ 1F2020

■ 222020

■ 262021

■ 292021

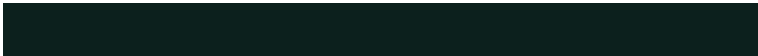
Harmonies

Analogous

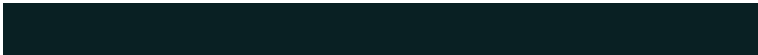
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



131F17



0C201D



092023

Triad

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



0C201D



1E1B27



261A11

Complementary

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



0C201D



200C0F

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.



291916



0C201D



251922

Square

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



0C201D



151D29



29181C



211C0F

Rectangle

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



0C201D



0B1F26



29181C



271A13

Sweetspot

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



0C201D



212928



0F200C



101414



949494



141414

Same Dimension

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



0C201D



0A2924



0C1920



0E0F0F



004F43



00CFB0

Inverse Universe

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



200C0F



290A0F



20130C



0F0E0E



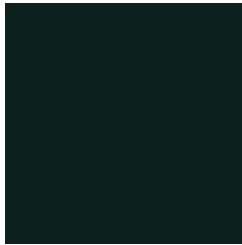
4F000C



CF001F

Previews

White Background



This preview shows how the Hex color 0C201D looks on a white background.

Color Contrast Check

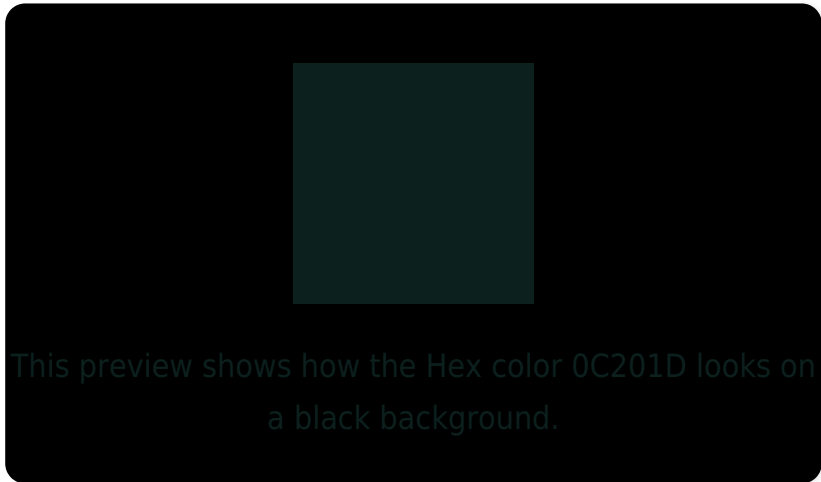
Large Text (above 18pt) WCAG AA ✓ Pass

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

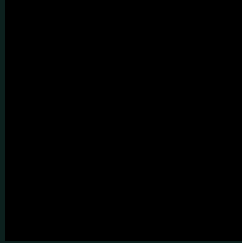
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

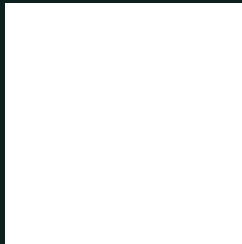
Any Text WCAG AAA × Fail

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

Hex 0C201D Background



This preview shows how black text looks on a background with the Hex color 0C201D.



This preview shows how white text looks on a background with the Hex color 0C201D.

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
0C201D

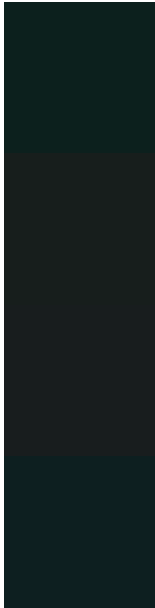
Protanopia
1E1D1B

Deuteranopia
1F1C1E



Tritanopia
0E1F22

Trichromacy



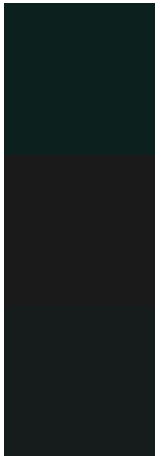
Original Color
0C201D

Protanomaly
171E1C

Deuteranomaly
181D1E

Tritanomaly
0D1F20

Monochromacy



Original Color
0C201D

Achromatopsia
1A1A1A

Achromatomaly
151C1B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C201D 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 #0C201D looks like.

```
.text, #text, p{  
    color:#0C201D  
}
```

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 #0C201D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C201D
}
```

Border

The CSS property to change the border of an element to Hex 0C201D is called "border". The border property can be set on classes, ids or directly on the HTML element.

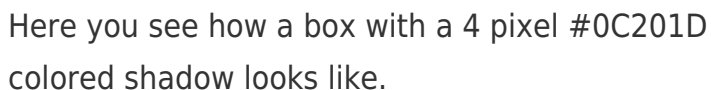
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0C201D }
```

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

```
.border{ border-color:#0C201D }
```

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



Here you see how a box with a 4 pixel #0C201D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C201D; -webkit-box-shadow:4px 4px  
4px 4px #0C201D; box-shadow:4px 4px 4px  
4px #0C201D }
```

Background

The CSS property to change the background color of an element to Hex 0C201D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C201D }
```

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

```
.background{ background-color:#0C201D }
```

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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