

Converting Colors

Hex(0C231B)

Have a look what the booklet for
Hex(0C231B) contains.

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Color

Hex(0C231B)

Conversions

Conversions Part 1

Format	Color
Hex	0C231B
RGB	12, 35, 27
RGB Percent	5%, 14%, 11%
CMY	0.9529, 0.8627, 0.8941
CMYK	0.66, 0.00, 0.23, 0.86
HSL	159°, 49%, 9%
HSV	159°, 66%, 14%
XYZ	0.9505, 1.3594, 1.2492
YIQ	27.2110, -11.1400, -7.3640

Conversions

Conversions Part 2

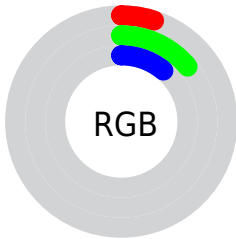
Format	Color
RYB	12, 26, 35
Decimal	795419
CIELab	11.68, -11.61, 2.62
CIELCh	12, 11.900, 167.263
Yxy	1.3594, 0.2671, 0.3819
Android (android.graphics.Color)	4278985499 (0xFF0C231B)
YUV	27.2110, -0.1040, -13.3400
Hunter-Lab	11.6592, -5.8518, 1.8089

Details

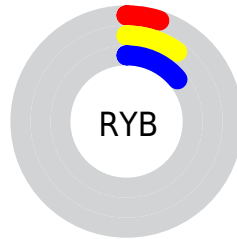
The Hex color **0C231B** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **230C14**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **375046**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **09231A**, and if you desaturate by 10%, it is **10231C**.

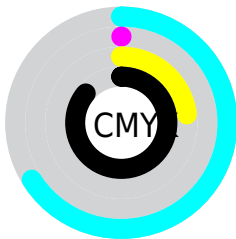
Distribution



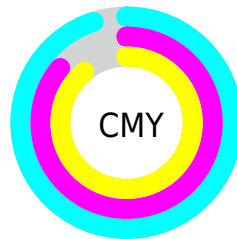
- Red (5%)
- Green (14%)
- Blue (11%)



- Red (5%)
- Yellow (10%)
- Blue (14%)



- Cyan (66%)
- Magenta (0%)
- Yellow (23%)
- Black (86%)



- Cyan (95%)
- Magenta (86%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C231B 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 0C231B by changing the saturation by 10% instead.

■ 0C231B

■ 0C231B

■ EDFFFE

■ 000B00

■ 375046

■ 000000

■ 4F685E

■ 678176

■ 809B90

■ 9AB6AA

■ B5D1C6

■ D1EEE2

■ 0C231B

■ 0C231B

■ 09231A

■ 10231C

■ 052319

■ 13231D

■ 022317

■ 17231F

■ 002317

■ 1A2320

■ 1E2321

■ 212322

■ 252324

■ 282325

■ 2C2326

Harmonies

Analogous

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



162213



0C231B



032323

Triad

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



0C231B



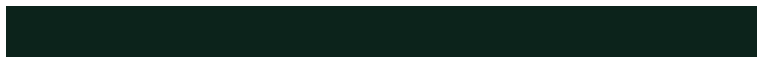
1B1E2E



2D1A13

Complementary

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



0C231B



230C14

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.



2F191A



0C231B



261B2A

Square

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



0C231B



0D212F



2D1923



281D0E

Rectangle

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



0C231B



022328



2D1923



2E1A15

Sweetspot

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



0C231B



252E2B



14230C



111715



969696



171717

Same Dimension

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



0C231B



0A2E21



0C2023



101211



005235



00D188

Inverse Universe

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



230C14



2E0A16



230F0C



121011



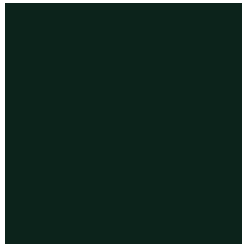
52001C



D10049

Previews

White Background



This preview shows how the Hex color 0C231B looks on a white background.

Color Contrast Check

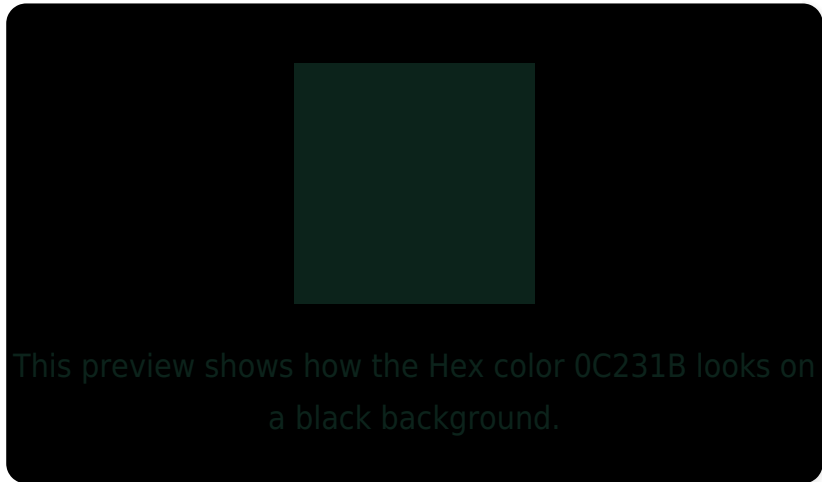
Large Text (above 18pt) WCAG AA ✓ Pass

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

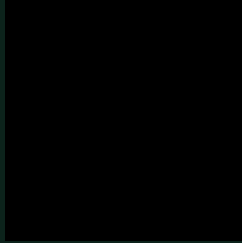
Any Text WCAG AA × Fail

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 0C231B Background



This preview shows how black text looks on a background with the Hex color 0C231B.



This preview shows how white text looks on a background with the Hex color 0C231B.

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
0C231B

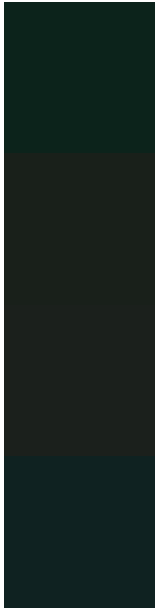
Protanopia
211F19

Deuteranopia
231E1C



Tritanopia
102224

Trichromacy



Original Color
0C231B

Protanomaly
19201A

Deuteranomaly
1B201C

Tritanomaly
0F2221

Monochromacy



Original Color
0C231B

Achromatopsia
1B1B1B

Achromatomaly
161E1B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C231B 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 #0C231B looks like.

```
.text, #text, p{  
    color:#0C231B  
}
```

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 #0C231B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C231B
}
```

Border

The CSS property to change the border of an element to Hex 0C231B 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
#0C231B }
```

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

```
.border{ border-color:#0C231B }
```

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

Here you see how a box with a 4 pixel #0C231B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C231B; -webkit-box-shadow:4px 4px  
4px 4px #0C231B; box-shadow:4px 4px 4px  
4px #0C231B }
```

Background

The CSS property to change the background color of an element to Hex 0C231B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C231B }
```

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

```
.background{ background-color:#0C231B }
```

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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