

# Converting Colors

Hex(001C0B)

Have a look what the booklet for  
Hex(001C0B) contains.

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# Color

**Hex(001C0B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	001C0B
RGB	0, 28, 11
RGB Percent	0%, 11%, 4%
CMY	1.0000, 0.8902, 0.9569
CMYK	1.00, 0.00, 0.61, 0.89
HSL	144°, 100%, 5%
HSV	144°, 100%, 11%
XYZ	0.4757, 0.8547, 0.4565
YIQ	17.6900, -11.2310, -11.2230

# Conversions

## Conversions Part 2

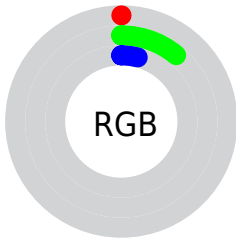
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 20, 28</a>
Decimal	<a href="#">7179</a>
CIELab	<a href="#">7.72, -13.79, 6.78</a>
CIElCh	<a href="#">8, 15.369, 153.818</a>
Yxy	<a href="#">0.8547, 0.2662, 0.4783</a>
Android (android.graphics.Color)	<a href="#">4278197259 (0xFF001C0B)</a>
YUV	<a href="#">17.6900, -3.2982, -15.5141</a>
Hunter-Lab	<a href="#">9.2448, -6.9944, 3.5437</a>

# Details

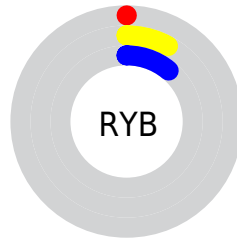
The Hex color **001C0B** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **1C0011**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **2E4737**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **001C0B**, and if you desaturate by 10%, it is **031C0D**.

# Distribution



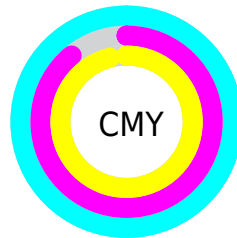
- Red (0%)
- Green (11%)
- Blue (4%)



- Red (0%)
- Yellow (8%)
- Blue (11%)



- Cyan (100%)
- Magenta (0%)
- Yellow (61%)
- Black (89%)



- Cyan (100%)
- Magenta (89%)
- Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 001C0B 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 001C0B by changing the saturation by 10% instead.



 001C0B

 001C0B

 E1FFEB

 000000

 2E4737

 455F4D

 5D7865

 75917E

 8FAC98

 AAC7B3

 C5E3CF

 001C0B

■ 031C0D

■ 061C0E

■ 081C10

■ 0B1C12

■ 0E1C13

■ 111C15

■ 141C17

■ 161C19

■ 191C1A

# Harmonies

## Analogous

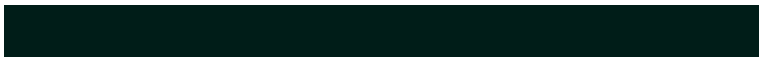
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



121A00



001C0B



001D18

# Triad

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



001C0B



06182B



2A0F08

# Complementary

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



001C0B



1C0011

# 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.



290E16



001C0B



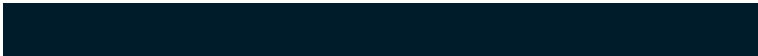
191428

# Square

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



001C0B



001B29



241020



251300

# Rectangle

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



001C0B



001D1F



241020



2A0F0D



# Sweetspot

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



001C0B



19241D



111C00



0B120E



919191



121212



# Same Dimension

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



001C0B



00240E



001C19



0B0D0C



004D1E



00CC50



# Inverse Universe

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



1C0011



240016



1C0003



0D0B0C



4D002E

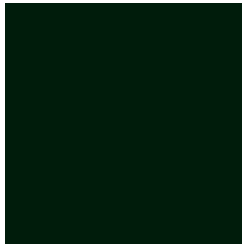


CC007C



# Previews

## White Background



This preview shows how the Hex color 001C0B looks on a white background.

## Color Contrast Check

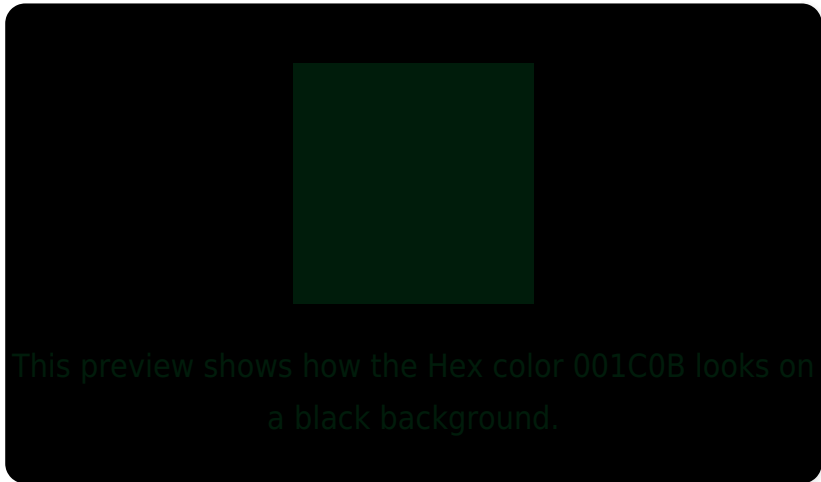
Large Text (above 18pt) WCAG AA ✓ Pass

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

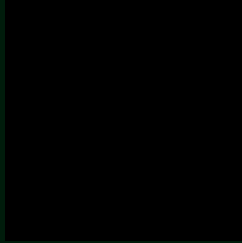
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 001C0B Background



This preview shows how black text looks on a background with the Hex color 001C0B.



This preview shows how white text looks on a background with the Hex color 001C0B.

# 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**  
001C0B

**Protanopia**  
1B180A

**Deuteranopia**  
1E170C



# Trichromacy



**Original Color**

001C0B

**Protanomaly**

11190A

**Deuteranomaly**

13190C

**Tritanomaly**

071B16

# Monochromacy



**Original Color**

001C0B

**Achromatopsia**

121212

**Achromatomaly**

0B160F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 001C0B 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 #001C0B looks like.

```
.text, #text, p{  
    color:#001C0B  
}
```

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 #001C0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001C0B
}
```

## Border

The CSS property to change the border of an element to Hex 001C0B 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
#001C0B }
```

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

```
.border{ border-color:#001C0B }
```

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

Here you see how a box with a 4 pixel #001C0B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001C0B; -webkit-box-shadow:4px 4px  
4px 4px #001C0B; box-shadow:4px 4px 4px  
4px #001C0B }
```

# Background

The CSS property to change the background color of an element to Hex 001C0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001C0B }
```

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

```
.background{ background-color:#001C0B }
```

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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