

Converting Colors

Hex(001C02)

Have a look what the booklet for
Hex(001C02) contains.

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Color

Hex(001C02)

Conversions

Conversions Part 1

Format	Color
Hex	001C02
RGB	0, 28, 2
RGB Percent	0%, 11%, 1%
CMY	1.0000, 0.8902, 0.9922
CMYK	1.00, 0.00, 0.93, 0.89
HSL	124°, 100%, 5%
HSV	124°, 100%, 11%
XYZ	0.4262, 0.8349, 0.1961
YIQ	16.6640, -8.3420, -14.0220

Conversions

Conversions Part 2

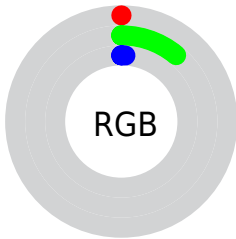
Format	Color
RYB	0, 26, 28
Decimal	7170
CIELab	7.54, -15.05, 10.20
CIELCh	8, 18.177, 145.875
Yxy	0.8349, 0.2925, 0.5729
Android (android.graphics.Color)	4278197250 (0xFF001C02)
YUV	16.6640, -7.2294, -14.6143
Hunter-Lab	9.1372, -7.6639, 5.1235

Details

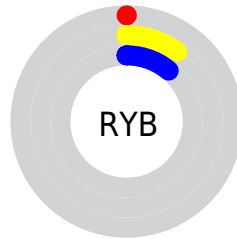
The Hex color **001C02** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **1C001A**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **2E4731**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **001C02**, and if you desaturate by 10%, it is **031C05**.

Distribution



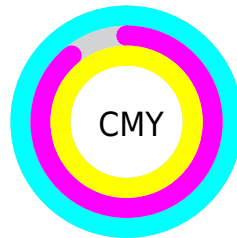
- Red (0%)
- Green (11%)
- Blue (1%)



- Red (0%)
- Yellow (10%)
- Blue (11%)



- Cyan (100%)
- Magenta (0%)
- Yellow (93%)
- Black (89%)



- Cyan (100%)
- Magenta (89%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001C02 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 001C02 by changing the saturation by 10% instead.

 001C02

 001C02

 E1FFE4

 000000

 2E4731

 455F47

 5C775F

 759178

 8FAC92

 AAC7AC

 C5E3C8

 001C02

■ 031C05

■ 061C07

■ 081C0A

■ 0B1C0C

■ 0E1C0F

■ 111C12

■ 141C14

■ 161C17

■ 191C19

Harmonies

Analogous

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



131900



001C02



001D14

Triad

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



001C02



00192E



2C0C09

Complementary

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



001C02



1C001A

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.



2B0B19



001C02



14142C

Square

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



001C02



001C2A



240F24



281100

Rectangle

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



001C02



001E1D



240F24



2D0B0F

Sweetspot

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



001C02



19241A



1A1C00



0B120C



919191



121212

Same Dimension

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



001C02



002403



001C10



0B0D0C



004D05



00CC0F

Inverse Universe

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



1C001A



240021



1C000C



0D0B0D



4D0047



CC00BD

Previews

White Background



This preview shows how the Hex color 001C02 looks on a white background.

Color Contrast Check

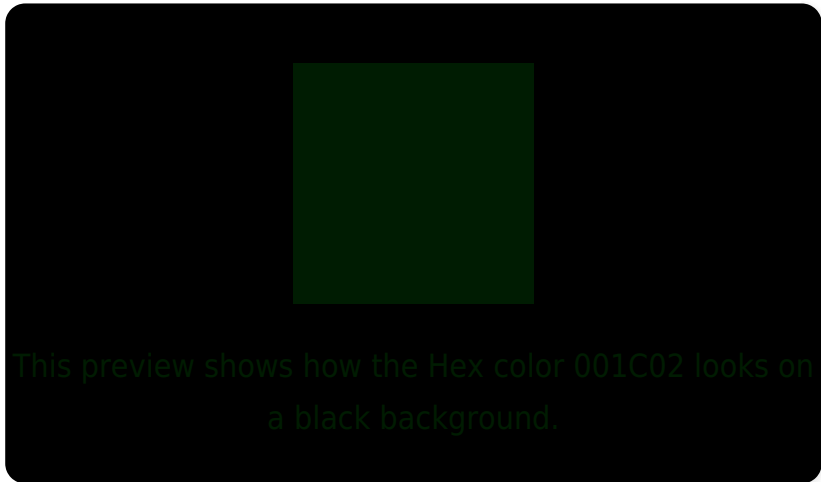
Large Text (above 18pt) WCAG AA ✓ Pass

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

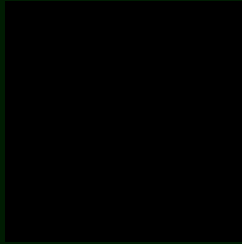
Any Text WCAG AA × Fail

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 001C02 Background



This preview shows how black text looks on a background with the Hex color 001C02.



This preview shows how white text looks on a background with the Hex color 001C02.

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

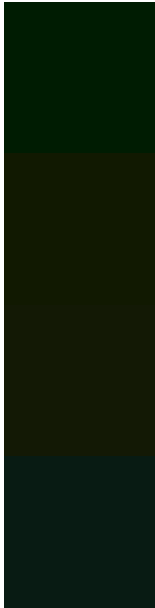


Original Color
001C02

Protanopia
1B1800

Deuteranopia
1E1706

Trichromacy



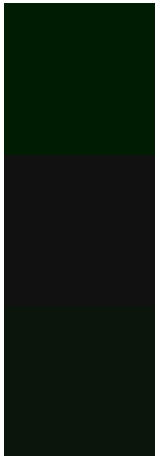
Original Color
001C02

Protanomaly
111901

Deuteranomaly
131905

Tritanomaly
081B13

Monochromacy



Original Color
001C02

Achromatopsia
111111

Achromatomaly
0B150C

CSS Examples

Text

The CSS property to change the color of the text to Hex 001C02 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 #001C02 looks like.

```
.text, #text, p{  
    color:#001C02  
}
```

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 #001C02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001C02
}
```

Border

The CSS property to change the border of an element to Hex 001C02 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".

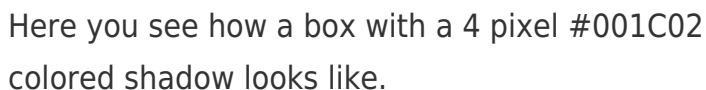
```
.border, #border, table{ border:4px solid
#001C02 }
```

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

```
.border{ border-color:#001C02 }
```

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

Here you see how a box with a 4 pixel #001C02 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001C02; -webkit-box-shadow:4px 4px  
4px 4px #001C02; box-shadow:4px 4px 4px  
4px #001C02 }
```

Background

The CSS property to change the background color of an element to Hex 001C02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001C02 }
```

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

```
.background{ background-color:#001C02 }
```

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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