

Converting Colors

Hex(002C1B)

Have a look what the booklet for
Hex(002C1B) contains.

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Color

Hex(002C1B)

Conversions

Conversions Part 1

Format	Color
Hex	002C1B
RGB	0, 44, 27
RGB Percent	0%, 17%, 11%
CMY	1.0000, 0.8275, 0.8941
CMYK	1.00, 0.00, 0.39, 0.83
HSL	157°, 100%, 9%
HSV	157°, 100%, 17%
XYZ	1.0985, 1.8805, 1.3420
YIQ	28.9060, -20.7670, -14.6150

Conversions

Conversions Part 2

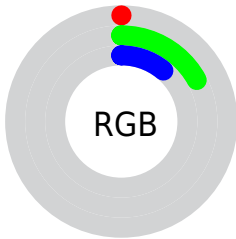
Format	Color
RYB	0, 27, 44
Decimal	11291
CIELab	14.85, -19.92, 6.99
CIELCh	15, 21.105, 160.668
Yxy	1.8805, 0.2542, 0.4352
Android (android.graphics.Color)	4278201371 (0xFF002C1B)
YUV	28.9060, -0.9397, -25.3506
Hunter-Lab	13.7131, -9.6989, 3.7970

Details

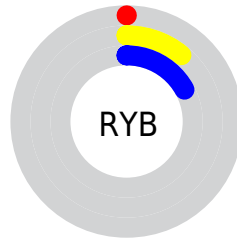
The Hex color **002C1B** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2C0011**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **305A46**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002C1B**, and if you desaturate by 10%, it is **042C1D**.

Distribution



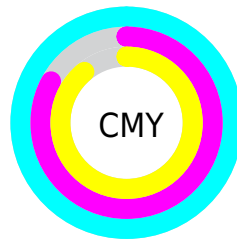
- Red (0%)
- Green (17%)
- Blue (11%)



- Red (0%)
- Yellow (11%)
- Blue (17%)



- Cyan (100%)
- Magenta (0%)
- Yellow (39%)
- Black (83%)



- Cyan (100%)
- Magenta (83%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002C1B 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 002C1B by changing the saturation by 10% instead.

 002C1B

 002C1B

 E8FFFF

 001900

 305A46

 000000

 48735E

 618D77

 7AA790

 95C2AB

 B0DEC6

 CBFBE2

 002C1B

■ 042C1D

■ 092C1E

■ 0D2C20

■ 122C22

■ 162C24

■ 1A2C25

■ 1F2C27

■ 232C29

■ 282C2A

Harmonies

Analogous

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



192A0D



002C1B



002D2A

Triad

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



002C1B



142543



3E1B13

Complementary

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



002C1B



2C0011

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.



411821



002C1B



2D1F3C

Square

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



002C1B



002A41



3B1A30



362105

Rectangle

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



002C1B



002C34



3B1A30



401A17

Sweetspot

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



002C1B



273832



122C00



121C18



9C9C9C



1C1C1C

Same Dimension

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



002C1B



003822



00282C



151716



005735



00D683

Inverse Universe

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



2C0011



380016



2C0400



171516



570021



D60053

Previews

White Background



This preview shows how the Hex color 002C1B 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 002C1B Background



This preview shows how black text looks on a background with the Hex color 002C1B.



This preview shows how white text looks on a background with the Hex color 002C1B.

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
002C1B

Protanopia
292619

Deuteranopia
2D251D

Trichromacy



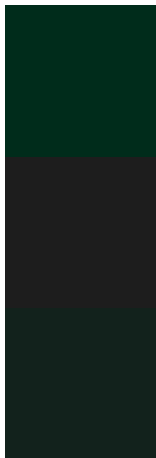
Original Color
002C1B

Protanomaly
1A281A

Deuteranomaly
1D281C

Tritanomaly
0A2B26

Monochromacy



Original Color
002C1B

Achromatopsia
1D1D1D

Achromatomaly
12221C

CSS Examples

Text

The CSS property to change the color of the text to Hex 002C1B 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 #002C1B looks like.

```
.text, #text, p{  
    color:#002C1B  
}
```

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 #002C1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002C1B
}
```

Border

The CSS property to change the border of an element to Hex 002C1B 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
#002C1B }
```

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

```
.border{ border-color:#002C1B }
```

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

Here you see how a box with a 4 pixel #002C1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002C1B; -webkit-box-shadow:4px 4px  
4px 4px #002C1B; box-shadow:4px 4px 4px  
4px #002C1B }
```

Background

The CSS property to change the background color of an element to Hex 002C1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002C1B }
```

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

```
.background{ background-color:#002C1B }
```

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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