

Converting Colors

Hex(002C05)

Have a look what the booklet for
Hex(002C05) contains.

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Color

Hex(002C05)

Conversions

Conversions Part 1

Format	Color
Hex	002C05
RGB	0, 44, 5
RGB Percent	0%, 17%, 2%
CMY	1.0000, 0.8275, 0.9804
CMYK	1.00, 0.00, 0.89, 0.83
HSL	127°, 100%, 9%
HSV	127°, 100%, 17%
XYZ	0.9281, 1.8123, 0.4445
YIQ	26.3980, -13.7050, -21.4570

Conversions

Conversions Part 2

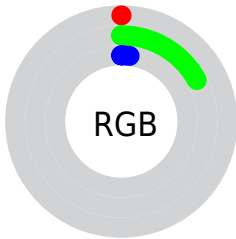
Format	Color
RYB	0, 40, 44
Decimal	11269
CIELab	14.47, -24.47, 18.59
CIELCh	14, 30.728, 142.771
Yxy	1.8123, 0.2914, 0.5690
Android (android.graphics.Color)	4278201349 (0xFF002C05)
YUV	26.3980, -10.5492, -23.1510
Hunter-Lab	13.4622, -11.2533, 7.4660

Details

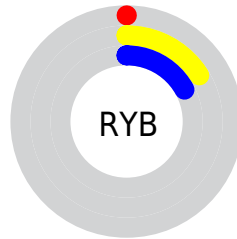
The Hex color **002C05** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2C0027**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **305A32**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002C05**, and if you desaturate by 10%, it is **042C09**.

Distribution



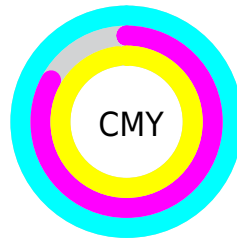
- Red (0%)
- Green (17%)
- Blue (2%)



- Red (0%)
- Yellow (16%)
- Blue (17%)



- Cyan (100%)
- Magenta (0%)
- Yellow (89%)
- Black (83%)



- Cyan (100%)
- Magenta (83%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002C05 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 002C05 by changing the saturation by 10% instead.

 002C05

 002C05

 E8FFE7

 001800

 305A32

 000000

 487349

 608D61

 7AA87A

 94C394

 AFDFAF

 CBFCCA

 002C05

■ 042C09

■ 092C0D

■ 0D2C11

■ 122C15

■ 162C19

■ 1A2C1C

■ 1F2C20

■ 232C24

■ 282C28

Harmonies

Analogous

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



202800



002C05



002E1E

Triad

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



002C05



002950



4A0E15

Complementary

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



002C05



2C0027

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.



480C2B



002C05



17214D

Square

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



002C05



002D47



39163F



421800

Rectangle

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



002C05



002E2E



39163F



4A0C1C

Sweetspot

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



002C05



273829



282C00



121C13



9C9C9C



1C1C1C

Same Dimension

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



002C05



003806



002C1A



151715



00570A



00D618

Inverse Universe

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



2C0027



380032



2C0012



171517



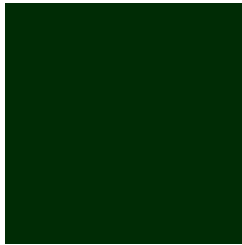
57004D



D600BE

Previews

White Background



This preview shows how the Hex color 002C05 looks on a white background.

Color Contrast Check

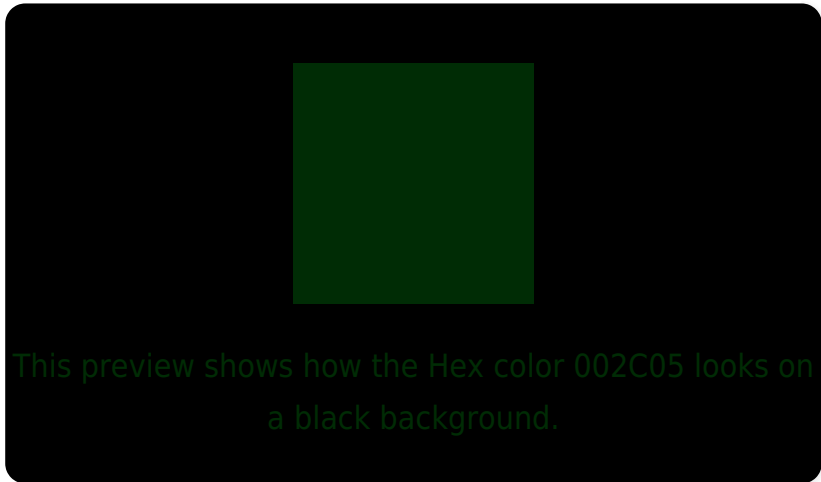
Large Text (above 18pt) WCAG AA ✓ Pass

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 002C05 Background



This preview shows how black text looks on a background with the Hex color 002C05.



This preview shows how white text looks on a background with the Hex color 002C05.

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
002C05

Protanopia
2A2602

Deuteranopia
2F240B



Tritanopia
12292C

Trichromacy



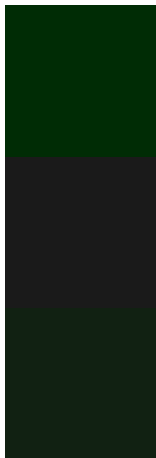
Original Color
002C05

Protanomaly
1B2803

Deuteranomaly
1E2709

Tritanomaly
0B2A1E

Monochromacy



Original Color
002C05

Achromatopsia
1A1A1A

Achromatomaly
112112

CSS Examples

Text

The CSS property to change the color of the text to Hex 002C05 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 #002C05 looks like.

```
.text, #text, p{  
    color:#002C05  
}
```

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 #002C05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002C05
}
```

Border

The CSS property to change the border of an element to Hex 002C05 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
#002C05 }
```

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

```
.border{ border-color:#002C05 }
```

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

Here you see how a box with a 4 pixel #002C05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002C05; -webkit-box-shadow:4px 4px  
4px 4px #002C05; box-shadow:4px 4px 4px  
4px #002C05 }
```

Background

The CSS property to change the background color of an element to Hex 002C05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002C05 }
```

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

```
.background{ background-color:#002C05 }
```

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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