

Converting Colors

Hex(002002)

Have a look what the booklet for
Hex(002002) contains.

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Color

Hex(002002)

Conversions

Conversions Part 1

Format	Color
Hex	002002
RGB	0, 32, 2
RGB Percent	0%, 13%, 1%
CMY	1.0000, 0.8745, 0.9922
CMYK	1.00, 0.00, 0.94, 0.87
HSL	124°, 100%, 6%
HSV	124°, 100%, 13%
XYZ	0.5275, 1.0374, 0.2299
YIQ	19.0120, -9.4420, -16.1140

Conversions

Conversions Part 2

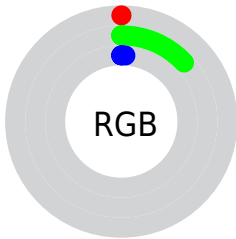
Format	Color
RYB	0, 30, 32
Decimal	8194
CIELab	9.30, -18.48, 12.75
CIELCh	9, 22.445, 145.401
Yxy	1.0374, 0.2939, 0.5780
Android (android.graphics.Color)	4278198274 (0xFF002002)
YUV	19.0120, -8.3869, -16.6735
Hunter-Lab	10.1853, -8.5803, 5.7916

Details

The Hex color **002002** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **20001E**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **2C4C31**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002002**, and if you desaturate by 10%, it is **032005**.

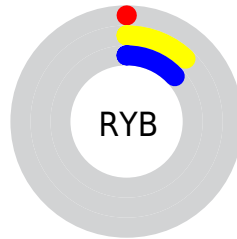
Distribution



Red (0%)

Green (13%)

Blue (1%)



Red (0%)

Yellow (12%)

Blue (13%)

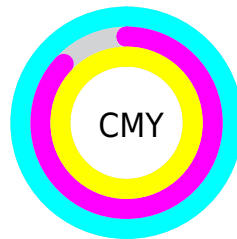


Cyan (100%)

Magenta (0%)

Yellow (94%)

Black (87%)



Cyan (100%)

Magenta (87%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002002 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 002002 by changing the saturation by 10% instead.

 002002

 002002

 E1FFE4

 000000

 2C4C31

 446447

 5C7D5F

 759778

 8FB292

 A9CEAC

 C5EAC8

 002002

■ 032005

■ 062008

■ 0A200B

■ 0D200E

■ 102011

■ 132014

■ 162017

■ 1A201A

■ 1D201D

Harmonies

Analogous

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



161D00



002002



002217

Triad

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



002002



001D38



350C0C

Complementary

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



002002



20001E

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.



330B1D



002002



151735

Square

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



002002



002033



2A102B



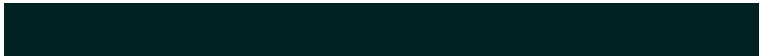
2F1200

Rectangle

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



002002



002222



2A102B



350B12

Sweetspot

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



002002



1D291D



1E2000



0D140E



949494



141414

Same Dimension

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



002002



002903



002012



0E0F0E



004F05



00CF0D

Inverse Universe

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



20001E



290026



20000E



0F0E0F



4F004A



CF00C2

Previews

White Background



This preview shows how the Hex color 002002 looks on a white background.

Color Contrast Check

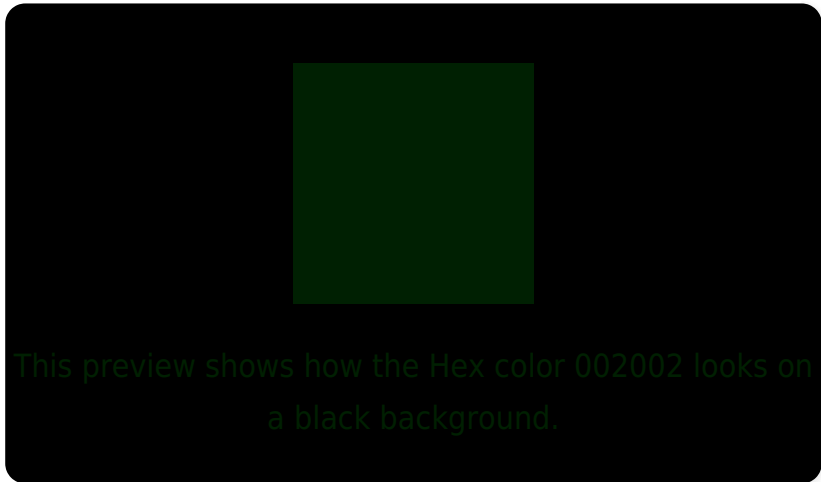
Large Text (above 18pt) WCAG AA ✓ Pass

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

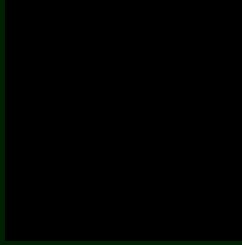
Any Text WCAG AA × Fail

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 002002 Background



This preview shows how black text looks on a background with the Hex color 002002.



This preview shows how white text looks on a background with the Hex color 002002.

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
002002

Protanopia
1F1B00

Deuteranopia
221A07



Tritanopia
0D1E20

Trichromacy



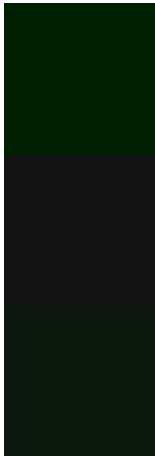
Original Color
002002

Protanomaly
141D01

Deuteranomaly
161C05

Tritanomaly
081F15

Monochromacy



Original Color
002002

Achromatopsia
131313

Achromatomaly
0C180D

CSS Examples

Text

The CSS property to change the color of the text to Hex 002002 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 #002002 looks like.

```
.text, #text, p{  
    color:#002002  
}
```

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 #002002 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002002
}
```

Border

The CSS property to change the border of an element to Hex 002002 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".

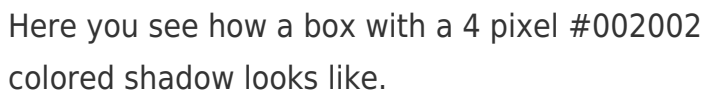
```
.border, #border, table{ border:4px solid
#002002 }
```

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

```
.border{ border-color:#002002 }
```

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

Here you see how a box with a 4 pixel #002002 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002002; -webkit-box-shadow:4px 4px  
4px 4px #002002; box-shadow:4px 4px 4px  
4px #002002 }
```

Background

The CSS property to change the background color of an element to Hex 002002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002002 }
```

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

```
.background{ background-color:#002002 }
```

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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