

Converting Colors

Hex(002909)

Have a look what the booklet for
Hex(002909) contains.

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Color

Hex(002909)

Conversions

Conversions Part 1

Format	Color
Hex	002909
RGB	0, 41, 9
RGB Percent	0%, 16%, 4%
CMY	1.0000, 0.8392, 0.9647
CMYK	1.00, 0.00, 0.78, 0.84
HSL	133°, 100%, 8%
HSV	133°, 100%, 16%
XYZ	0.8422, 1.6056, 0.5240
YIQ	25.0930, -14.1640, -18.6440

Conversions

Conversions Part 2

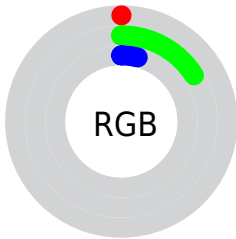
Format	Color
RYB	0, 34, 41
Decimal	10505
CIELab	13.26, -22.67, 15.37
CIELCh	13, 27.393, 145.857
Yxy	1.6056, 0.2834, 0.5403
Android (android.graphics.Color)	4278200585 (0xFF002909)
YUV	25.0930, -7.9338, -22.0066
Hunter-Lab	12.6712, -10.3099, 6.4182

Details

The Hex color **002909** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **290020**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **2E5735**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002909**, and if you desaturate by 10%, it is **04290C**.

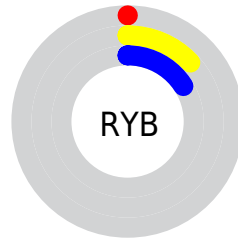
Distribution



Red (0%)

Green (16%)

Blue (4%)



Red (0%)

Yellow (13%)

Blue (16%)

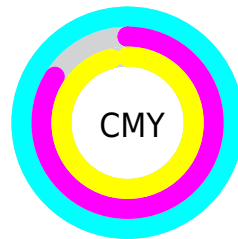


Cyan (100%)

Magenta (0%)

Yellow (78%)

Black (84%)



Cyan (100%)

Magenta (84%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002909 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 002909 by changing the saturation by 10% instead.

 002909

 002909

 E5FFEA

 001400

 2E5735

 000000

 46704C

 5F8964

 78A47D

 92BF97

 ADDBB2

 C9F7CD

 002909

■ 04290C

■ 08290F

■ 0C2913

■ 102916

■ 142919

■ 19291C

■ 1D291F

■ 212923

■ 252926

Harmonies

Analogous

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



1D2600



002909



002B1F

Triad

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



002909



002548



431012

Complementary

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



002909



290020

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.



420E26



002909



1C1E45

Square

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



002909



002941



361538



3C1800

Rectangle

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



002909



002B2C



361538



440E19

Sweetspot

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



002909



253629



202900



121C14



9C9C9C



1C1C1C

Same Dimension

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



002909



00360C



00291D



121413



005412



00D42E

Inverse Universe

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



290020



36002A



29000C



141214



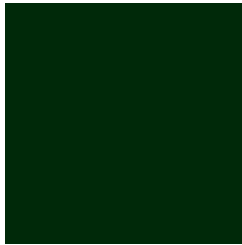
540042



D400A5

Previews

White Background



This preview shows how the Hex color 002909 looks on a white background.

Color Contrast Check

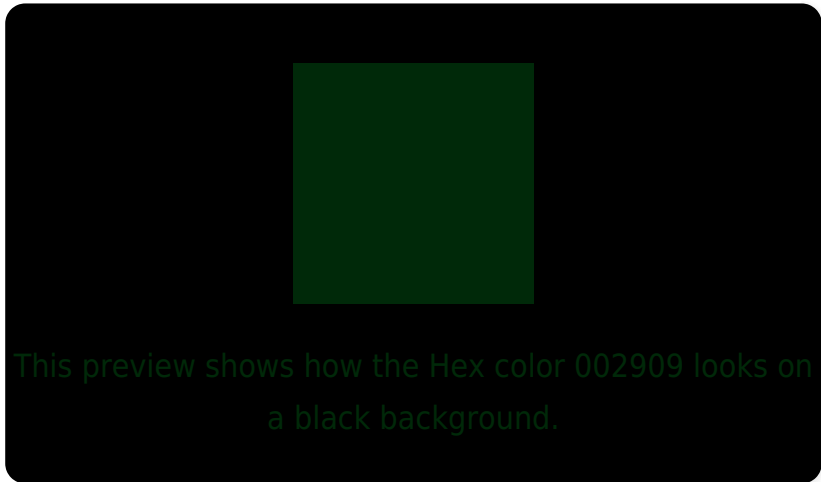
Large Text (above 18pt) WCAG AA ✓ Pass

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

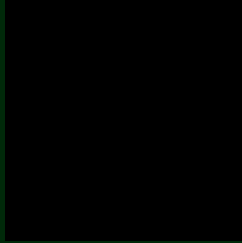
Any Text WCAG AA × Fail

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 002909 Background



This preview shows how black text looks on a background with the Hex color 002909.



This preview shows how white text looks on a background with the Hex color 002909.

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
002909

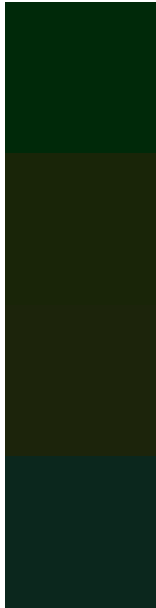
Protanopia
272308

Deuteranopia
2C210C



Tritanopia
112629

Trichromacy



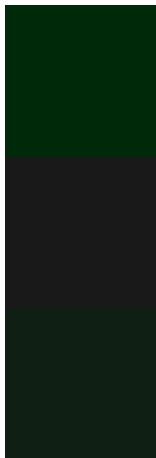
Original Color
002909

Protanomaly
192508

Deuteranomaly
1C240B

Tritanomaly
0B271D

Monochromacy



Original Color
002909

Achromatopsia
191919

Achromatomaly
101F13

CSS Examples

Text

The CSS property to change the color of the text to Hex 002909 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 #002909 looks like.

```
.text, #text, p{  
    color:#002909  
}
```

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 #002909 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002909
}
```

Border

The CSS property to change the border of an element to Hex 002909 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".

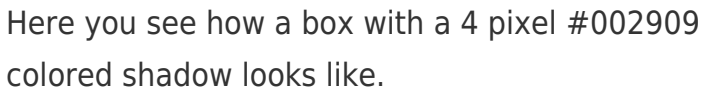
```
.border, #border, table{ border:4px solid
#002909 }
```

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

```
.border{ border-color:#002909 }
```

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

Here you see how a box with a 4 pixel #002909 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002909; -webkit-box-shadow:4px 4px  
4px 4px #002909; box-shadow:4px 4px 4px  
4px #002909 }
```

Background

The CSS property to change the background color of an element to Hex 002909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002909 }
```

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

```
.background{ background-color:#002909 }
```

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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