

Converting Colors

Hex(001B09)

Have a look what the booklet for
Hex(001B09) contains.

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Color

Hex(001B09)

Conversions

Conversions Part 1

Format	Color
Hex	001B09
RGB	0, 27, 9
RGB Percent	0%, 11%, 4%
CMY	1.0000, 0.8941, 0.9647
CMYK	1.00, 0.00, 0.67, 0.89
HSL	140°, 100%, 5%
HSV	140°, 100%, 11%
XYZ	0.4412, 0.8036, 0.3903
YIQ	16.8750, -10.3140, -11.3220

Conversions

Conversions Part 2

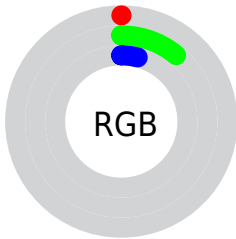
Format	Color
RYB	0, 20, 27
Decimal	6921
CIELab	7.26, -13.21, 6.93
CIELCh	7, 14.921, 152.315
Yxy	0.8036, 0.2699, 0.4915
Android (android.graphics.Color)	4278197001 (0xFF001B09)
YUV	16.8750, -3.8824, -14.7994
Hunter-Lab	8.9643, -6.9014, 3.6936

Details

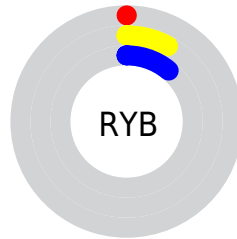
The Hex color **001B09** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **1B0012**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **2E4635**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **001B09**, and if you desaturate by 10%, it is **031B0B**.

Distribution



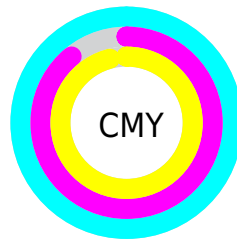
- Red (0%)
- Green (11%)
- Blue (4%)



- Red (0%)
- Yellow (8%)
- Blue (11%)



- Cyan (100%)
- Magenta (0%)
- Yellow (67%)
- Black (89%)



- Cyan (100%)
- Magenta (89%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001B09 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 001B09 by changing the saturation by 10% instead.

 001B09

 001B09

 E1FEE9

 000000

 2E4635

 455D4C

 5D7664

 76907D

 8FAA97

 AAC6B2

 C5E2CD

 001B09

■ 031B0B

■ 051B0D

■ 081B0E

■ 0B1B10

■ 0E1B12

■ 101B14

■ 131B16

■ 161B17

■ 181B19

Harmonies

Analogous

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



121900



001B09



001C16

Triad

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



001B09



05172A



280F08

Complementary

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



001B09



1B0012

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.



280D16



001B09



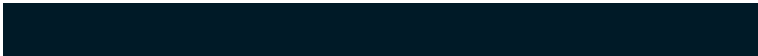
181327

Square

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



001B09



001A27



230F1F



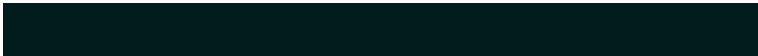
241200

Rectangle

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



001B09



001C1D



230F1F



290E0D

Sweetspot

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



001B09



19241D



121B00



0B120E



919191



121212

Same Dimension

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



001B09



00240C



001B16



0B0D0C



004D1A



00CC44

Inverse Universe

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



1B0012



240018



1B0005



0D0B0C



4D0033



CC0088

Previews

White Background



This preview shows how the Hex color 001B09 looks on a white background.

Color Contrast Check

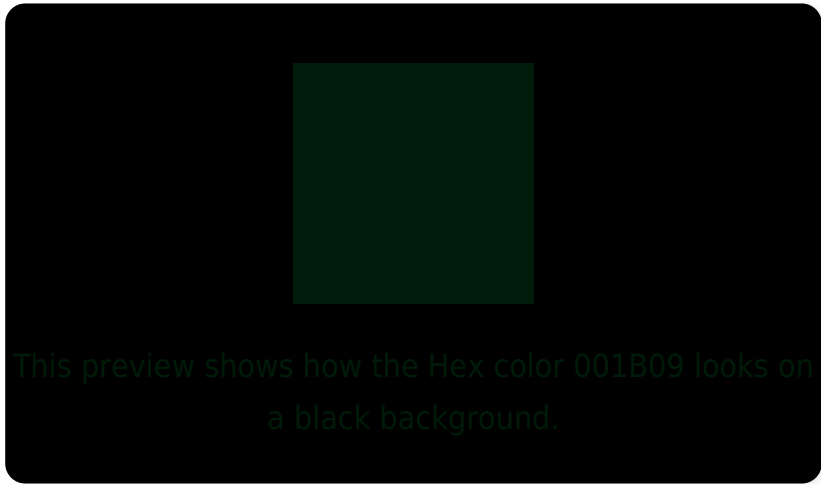
Large Text (above 18pt) WCAG AA ✓ Pass

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

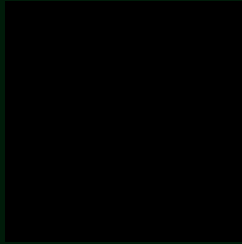
Any Text WCAG AA × Fail

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 001B09 Background



This preview shows how black text looks on a background with the Hex color 001B09.



This preview shows how white text looks on a background with the Hex color 001B09.

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
001B09

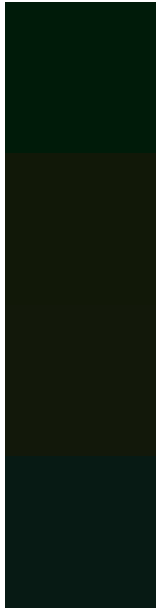
Protanopia
1A1708

Deuteranopia
1D160B



Tritanopia
0B191B

Trichromacy



Original Color
001B09

Protanomaly
111808

Deuteranomaly
12180A

Tritanomaly
071A14

Monochromacy



Original Color
001B09

Achromatopsia
111111

Achromatomaly
0B150E

CSS Examples

Text

The CSS property to change the color of the text to Hex 001B09 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 #001B09 looks like.

```
.text, #text, p{  
    color:#001B09  
}
```

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 #001B09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001B09
}
```

Border

The CSS property to change the border of an element to Hex 001B09 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".

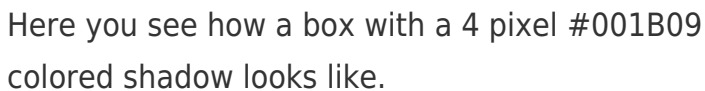
```
.border, #border, table{ border:4px solid
#001B09 }
```

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

```
.border{ border-color:#001B09 }
```

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

Here you see how a box with a 4 pixel #001B09 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001B09; -webkit-box-shadow:4px 4px  
4px 4px #001B09; box-shadow:4px 4px 4px  
4px #001B09 }
```

Background

The CSS property to change the background color of an element to Hex 001B09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001B09 }
```

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

```
.background{ background-color:#001B09 }
```

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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