

Converting Colors

Hex(001B08)

Have a look what the booklet for
Hex(001B08) contains.

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Color

Hex(001B08)

Conversions

Conversions Part 1

Format	Color
Hex	001B08
RGB	0, 27, 8
RGB Percent	0%, 11%, 3%
CMY	1.0000, 0.8941, 0.9686
CMYK	1.00, 0.00, 0.70, 0.89
HSL	138°, 100%, 5%
HSV	138°, 100%, 11%
XYZ	0.4358, 0.8014, 0.3614
YIQ	16.7610, -9.9930, -11.6330

Conversions

Conversions Part 2

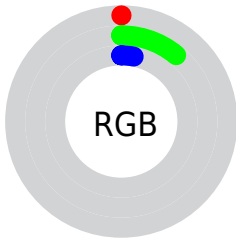
Format	Color
RYB	0, 21, 27
Decimal	6920
CIELab	7.24, -13.35, 7.31
CIELCh	7, 15.222, 151.296
Yxy	0.8014, 0.2726, 0.5013
Android (android.graphics.Color)	4278197000 (0xFF001B08)
YUV	16.7610, -4.3192, -14.6994
Hunter-Lab	8.9521, -6.9773, 3.8726

Details

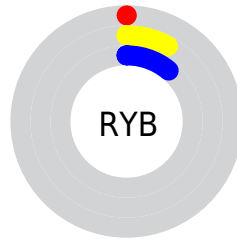
The Hex color **001B08** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **1B0013**, and the grayscale version is **111111**.

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 **001B08**, and if you desaturate by 10%, it is **031B0A**.

Distribution



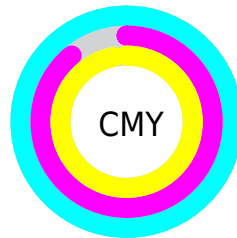
- Red (0%)
- Green (11%)
- Blue (3%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (70%)
- Black (89%)



- Cyan (100%)
- Magenta (89%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001B08 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 001B08 by changing the saturation by 10% instead.

 001B08

 001B08

 E1FEE8

 000000

 2E4635

 455D4B

 5D7663

 76907C

 8FAA96

 AAC6B1

 C5E2CC

 001B08

■ 031B0A

■ 051B0C

■ 081B0E

■ 0B1B10

■ 0E1B11

■ 101B13

■ 131B15

■ 161B17

■ 181B19

Harmonies

Analogous

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



121900



001B08



001C16

Triad

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



001B08



04172A



290E08

Complementary

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



001B08



1B0013

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



001B08



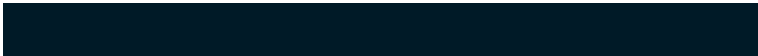
171327

Square

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



001B08



001A27



230F20



251200

Rectangle

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



001B08



001C1D



230F20



290E0D

Sweetspot

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



001B08



19241C



131B00



0B120D



919191



121212

Same Dimension

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



001B08



00240B



001B15



0B0D0C



004D17



00CC3C

Inverse Universe

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



1B0013



240019



1B0006



0D0B0C



4D0036



CC0090

Previews

White Background



This preview shows how the Hex color 001B08 looks on a white background.

Color Contrast Check

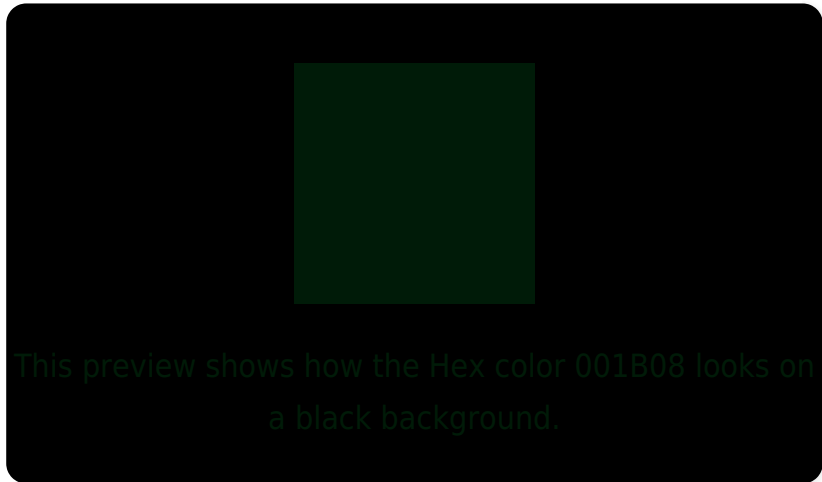
Large Text (above 18pt) WCAG AA ✓ Pass

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

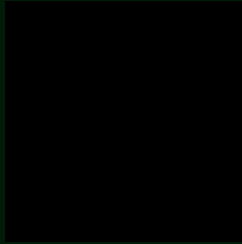
Any Text WCAG AA × Fail

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 001B08 Background



This preview shows how black text looks on a background with the Hex color 001B08.



This preview shows how white text looks on a background with the Hex color 001B08.

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
001B08

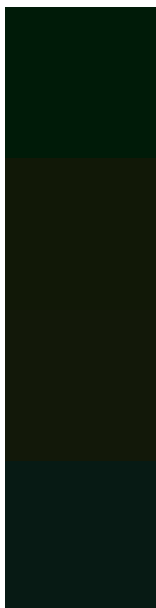
Protanopia
1A1707

Deuteranopia
1D160A



Tritanopia
0B191B

Trichromacy



Original Color

001B08

Protanomaly

111807

Deuteranomaly

121809

Tritanomaly

071A14

Monochromacy



Original Color

001B08

Achromatopsia

111111

Achromatomaly

0B150E

CSS Examples

Text

The CSS property to change the color of the text to Hex 001B08 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 #001B08 looks like.

```
.text, #text, p{  
    color:#001B08  
}
```

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 #001B08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001B08
}
```

Border

The CSS property to change the border of an element to Hex 001B08 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".

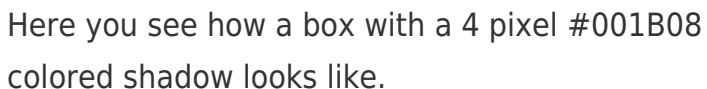
```
.border, #border, table{ border:4px solid
#001B08 }
```

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

```
.border{ border-color:#001B08 }
```

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

Here you see how a box with a 4 pixel #001B08 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001B08; -webkit-box-shadow:4px 4px  
4px 4px #001B08; box-shadow:4px 4px 4px  
4px #001B08 }
```

Background

The CSS property to change the background color of an element to Hex 001B08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001B08 }
```

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

```
.background{ background-color:#001B08 }
```

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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