

Converting Colors

Hex(001802)

Have a look what the booklet for
Hex(001802) contains.

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Color

Hex(001802)

Conversions

Conversions Part 1

Format	Color
Hex	001802
RGB	0, 24, 2
RGB Percent	0%, 9%, 1%
CMY	1.0000, 0.9059, 0.9922
CMYK	1.00, 0.00, 0.92, 0.91
HSL	125°, 100%, 5%
HSV	125°, 100%, 9%
XYZ	0.3376, 0.6577, 0.1666
YIQ	14.3160, -7.2420, -11.9300

Conversions

Conversions Part 2

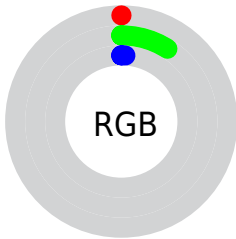
Format	Color
RYB	0, 22, 24
Decimal	6146
CIELab	5.94, -11.78, 7.86
CIELCh	6, 14.158, 146.281
Yxy	0.6577, 0.2906, 0.5661
Android (android.graphics.Color)	4278196226 (0xFF001802)
YUV	14.3160, -6.0718, -12.5551
Hunter-Lab	8.1096, -6.7610, 4.4588

Details

The Hex color **001802** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **180016**, and the grayscale version is **0E0E0E**.

A 20% lighter version of the original color is **2F4231**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **001802**, and if you desaturate by 10%, it is **021804**.

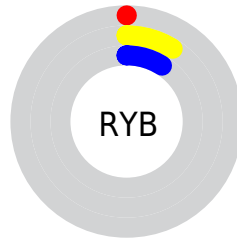
Distribution



Red (0%)

Green (9%)

Blue (1%)



Red (0%)

Yellow (9%)

Blue (9%)

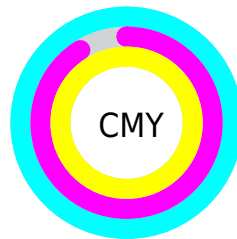


Cyan (100%)

Magenta (0%)

Yellow (92%)

Black (91%)



Cyan (100%)

Magenta (91%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001802 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 001802 by changing the saturation by 10% instead.

 001802

 001802

 E2FAE4

 000000

 2F4231

 455A48

 5D725F

 768C78

 90A692

 AAC1AC

 C6DDC8

 001802

■ 021804

■ 051806

■ 071809

■ 0A180B

■ 0C180D

■ 0E180F

■ 111811

■ 131814

■ 161816

Harmonies

Analogous

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



101600



001802



001911

Triad

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



001802



001526



250B07

Complementary

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



001802



180016

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.



240B15



001802



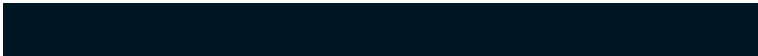
131124

Square

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



001802



001723



1E0D1E



220E00

Rectangle

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



001802



001918



1E0D1E



250B0C

Sweetspot

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



001802



151F16



161800



0A0F0A



8F8F8F



0F0F0F

Same Dimension

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



001802



001F03



00180E



0B0D0C



004D06



00CC11

Inverse Universe

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



180016



1F001C



18000A



0D0B0D



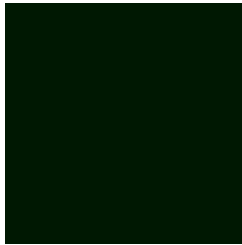
4D0046



CC00BB

Previews

White Background



This preview shows how the Hex color 001802 looks on a white background.

Color Contrast Check

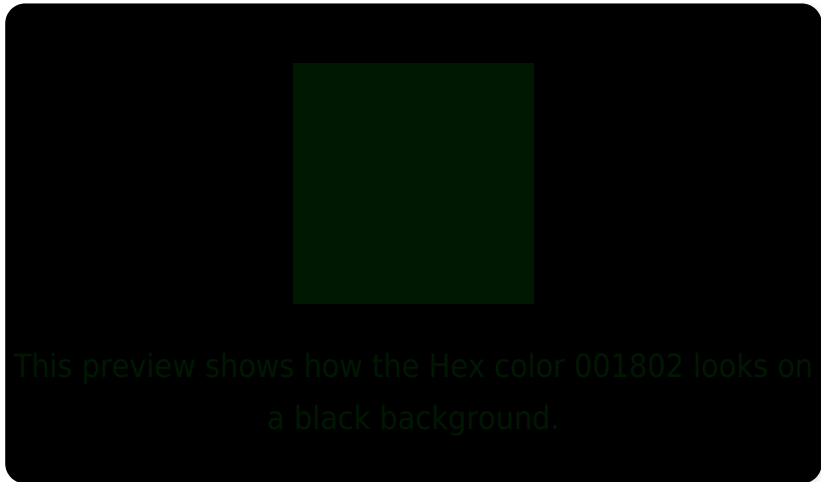
Large Text (above 18pt) WCAG AA ✓ Pass

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

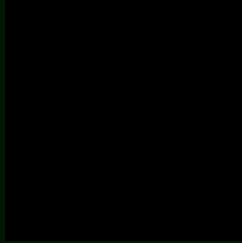
Any Text WCAG AA × Fail

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 001802 Background



This preview shows how black text looks on a background with the Hex color 001802.



This preview shows how white text looks on a background with the Hex color 001802.

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
001802

Protanopia
171500

Deuteranopia
1A1306



Tritanopia
0A1618

Trichromacy



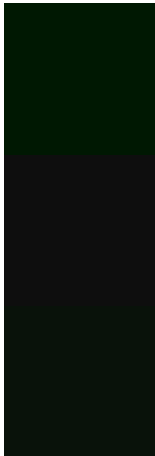
Original Color
001802

Protanomaly
0F1601

Deuteranomaly
111505

Tritanomaly
061710

Monochromacy



Original Color
001802

Achromatopsia
0E0E0E

Achromatomaly
09120A

CSS Examples

Text

The CSS property to change the color of the text to Hex 001802 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 #001802 looks like.

```
.text, #text, p{  
    color:#001802  
}
```

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 #001802 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001802
}
```

Border

The CSS property to change the border of an element to Hex 001802 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
#001802 }
```

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

```
.border{ border-color:#001802 }
```

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

Here you see how a box with a 4 pixel #001802 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001802; -webkit-box-shadow:4px 4px  
4px 4px #001802; box-shadow:4px 4px 4px  
4px #001802 }
```

Background

The CSS property to change the background color of an element to Hex 001802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001802 }
```

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

```
.background{ background-color:#001802 }
```

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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