

Converting Colors

Hex(001810)

Have a look what the booklet for
Hex(001810) contains.

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Color

Hex(001810)

Conversions

Conversions Part 1

Format	Color
Hex	001810
RGB	0, 24, 16
RGB Percent	0%, 9%, 6%
CMY	1.0000, 0.9059, 0.9373
CMYK	1.00, 0.00, 0.33, 0.91
HSL	160°, 100%, 5%
HSV	160°, 100%, 9%
XYZ	0.4202, 0.6907, 0.6014
YIQ	15.9120, -11.7360, -7.5760

Conversions

Conversions Part 2

Format	Color
RYB	0, 14, 24
Decimal	6160
CIELab	6.24, -9.68, 2.15
CIELCh	6, 9.917, 167.450
Yxy	0.6907, 0.2454, 0.4034
Android (android.graphics.Color)	4278196240 (0xFF001810)
YUV	15.9120, 0.0434, -13.9548
Hunter-Lab	8.3107, -5.5194, 1.5271

Details

The Hex color **001810** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **180008**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **2F423B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **001810**, and if you desaturate by 10%, it is **021811**.

Distribution



Red (0%)

Green (9%)

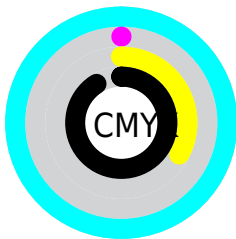
Blue (6%)



Red (0%)

Yellow (5%)

Blue (9%)

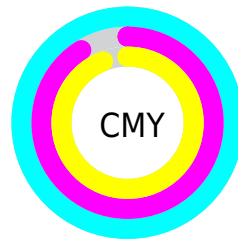


Cyan (100%)

Magenta (0%)

Yellow (33%)

Black (91%)



Cyan (100%)

Magenta (91%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001810 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 001810 by changing the saturation by 10% instead.

 001810

 001810

 E2FAF0

 000000

 2F423B

 455A52

 5D726A

 768C83

 90A69D

 AAC1B8

 C6DDD3

 001810

■ 021811

■ 051812

■ 071812

■ 0A1813

■ 0C1814

■ 0E1815

■ 111816

■ 131816

■ 161817

Harmonies

Analogous

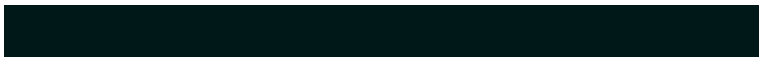
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0B1706



001810



001818

Triad

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



001810



111320



201005

Complementary

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



001810



180008

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.



210E0F



001810



1A101D

Square

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



001810



051521



1F0F17



1D1200

Rectangle

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



001810



00181C



1F0F17



210F08

Sweetspot

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



001810



151F1C



081800



0A0F0D



8F8F8F



0F0F0F

Same Dimension

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



001810



001F14



001418



0B0D0C



004D33



00CC88

Inverse Universe

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



180008



1F000A



180400



0D0B0C



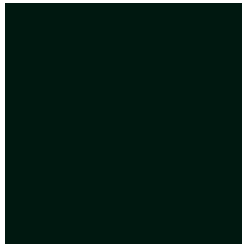
4D001A



CC0044

Previews

White Background



This preview shows how the Hex color 001810 looks on a white background.

Color Contrast Check

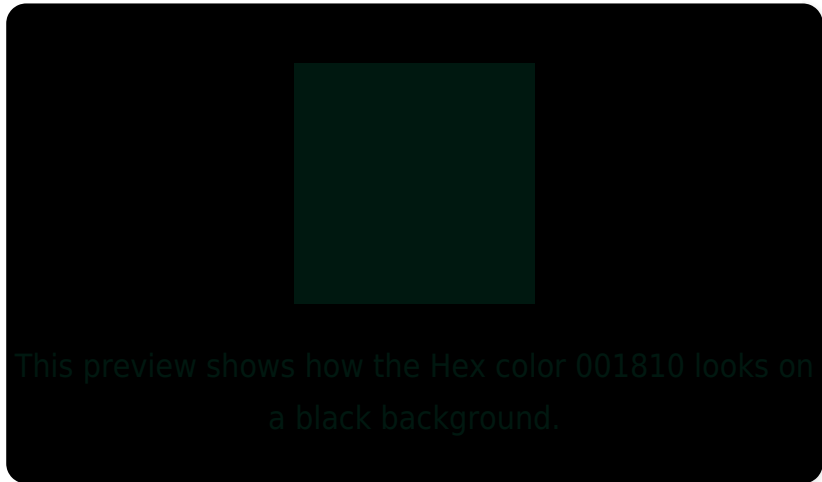
Large Text (above 18pt) WCAG AA ✓ Pass

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

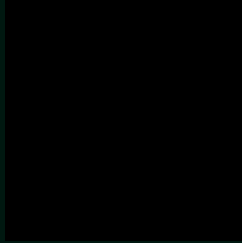
Any Text WCAG AA × Fail

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 001810 Background



This preview shows how black text looks on a background with the Hex color 001810.



This preview shows how white text looks on a background with the Hex color 001810.

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
001810

Protanopia
17150F

Deuteranopia
181411



Tritanopia
081719

Trichromacy



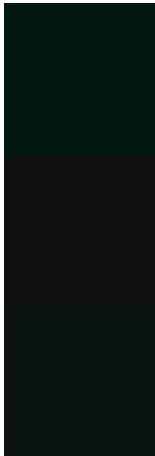
Original Color
001810

Protanomaly
0F160F

Deuteranomaly
0F1511

Tritanomaly
051716

Monochromacy



Original Color
001810

Achromatopsia
101010

Achromatomaly
0A1310

CSS Examples

Text

The CSS property to change the color of the text to Hex 001810 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 #001810 looks like.

```
.text, #text, p{  
    color:#001810  
}
```

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 #001810 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001810
}
```

Border

The CSS property to change the border of an element to Hex 001810 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
#001810 }
```

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

```
.border{ border-color:#001810 }
```

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

Here you see how a box with a 4 pixel #001810 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001810; -webkit-box-shadow:4px 4px  
4px 4px #001810; box-shadow:4px 4px 4px  
4px #001810 }
```

Background

The CSS property to change the background color of an element to Hex 001810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001810 }
```

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

```
.background{ background-color:#001810 }
```

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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