

Converting Colors

Hex(001807)

Have a look what the booklet for
Hex(001807) contains.

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Color

Hex(001807)

Conversions

Conversions Part 1

Format	Color
Hex	001807
RGB	0, 24, 7
RGB Percent	0%, 9%, 3%
CMY	1.0000, 0.9059, 0.9725
CMYK	1.00, 0.00, 0.71, 0.91
HSL	138°, 100%, 5%
HSV	138°, 100%, 9%
XYZ	0.3650, 0.6686, 0.3108
YIQ	14.8860, -8.8470, -10.3750

Conversions

Conversions Part 2

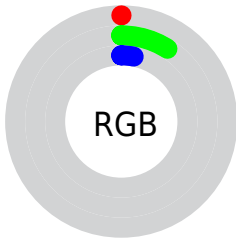
Format	Color
R_{YB}	0, 19, 24
Decimal	6151
CIE Lab	6.04, -11.08, 5.97
CIE LCh	6, 12.585, 151.698
Yxy	0.6686, 0.2715, 0.4973
Android (android.graphics.Color)	4278196231 (0xFF001807)
YUV	14.8860, -3.8878, -13.0550
Hunter-Lab	8.1768, -6.3419, 3.4700

Details

The Hex color **001807** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **180011**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **2F4234**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **001807**, and if you desaturate by 10%, it is **021809**.

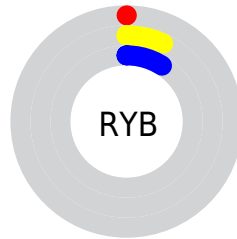
Distribution



Red (0%)

Green (9%)

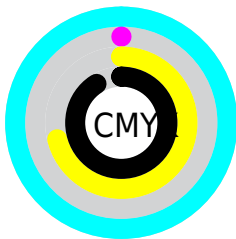
Blue (3%)



Red (0%)

Yellow (7%)

Blue (9%)

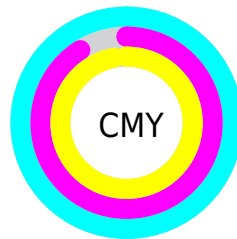


Cyan (100%)

Magenta (0%)

Yellow (71%)

Black (91%)



Cyan (100%)

Magenta (91%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001807 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 001807 by changing the saturation by 10% instead.

 001807

 001807

 E2FAE8

 000000

 2F4234

 455A4B

 5D7263

 768C7C

 90A695

 AAC1B0

 C6DDCC

 001807

■ 021809

■ 05180A

■ 07180C

■ 0A180E

■ 0C180F

■ 0E1811

■ 111813

■ 131815

■ 161816

Harmonies

Analogous

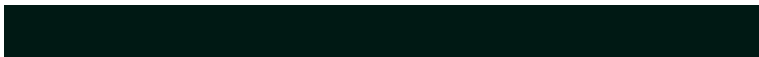
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



101600



001807



001914

Triad

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



001807



061424



240D06

Complementary

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



001807



180011

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.



230C13



001807



151122

Square

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



001807



001722



1F0E1C



210F00

Rectangle

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



001807



001919



1F0E1C



240C0B

Sweetspot

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



001807



151F18



111800



0A0F0B



8F8F8F



0F0F0F

Same Dimension

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



001807



001F09



001813



0B0D0C



004D16



00CC3B

Inverse Universe

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



180011



1F0016



180005



0D0B0C



4D0036



CC0091

Previews

White Background



This preview shows how the Hex color 001807 looks on a white background.

Color Contrast Check

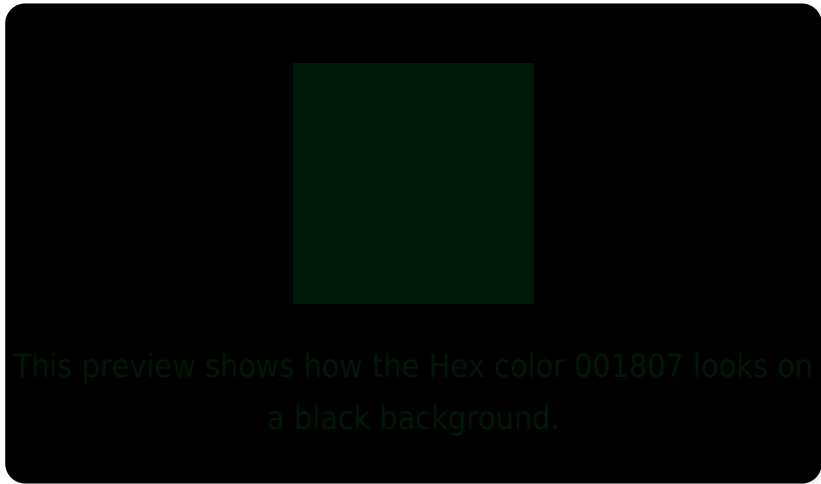
Large Text (above 18pt) WCAG AA ✓ Pass

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

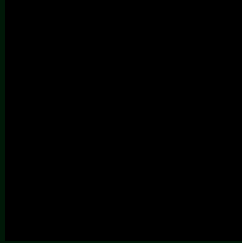
Any Text WCAG AA × Fail

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 001807 Background



This preview shows how black text looks on a background with the Hex color 001807.



This preview shows how white text looks on a background with the Hex color 001807.

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
001807

Protanopia
171506

Deuteranopia
1A1409



Tritanopia
0A1618

Trichromacy



Original Color

001807

Protanomaly

0F1606

Deuteranomaly

111508

Tritanomaly

061712

Monochromacy



Original Color

001807

Achromatopsia

0F0F0F

Achromatomaly

0A120C

CSS Examples

Text

The CSS property to change the color of the text to Hex 001807 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 #001807 looks like.

```
.text, #text, p{  
    color:#001807  
}
```

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 #001807 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001807
}
```

Border

The CSS property to change the border of an element to Hex 001807 is called "border". The border property can be set on classes, ids or directly on the HTML element.

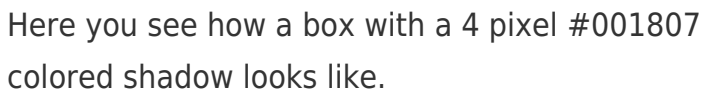
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#001807 }
```

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

```
.border{ border-color:#001807 }
```

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



Here you see how a box with a 4 pixel #001807 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001807; -webkit-box-shadow:4px 4px  
4px 4px #001807; box-shadow:4px 4px 4px  
4px #001807 }
```

Background

The CSS property to change the background color of an element to Hex 001807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001807 }
```

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

```
.background{ background-color:#001807 }
```

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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