

Converting Colors

Hex(001517)

Have a look what the booklet for
Hex(001517) contains.

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Color

Hex(001517)

Conversions

Conversions Part 1

Format	Color
Hex	001517
RGB	0, 21, 23
RGB Percent	0%, 8%, 9%
CMY	1.0000, 0.9176, 0.9098
CMYK	1.00, 0.09, 0.00, 0.91
HSL	185°, 100%, 5%
HSV	185°, 100%, 9%
XYZ	0.4228, 0.5982, 0.9038
YIQ	14.9490, -13.1580, -3.8300

Conversions

Conversions Part 2

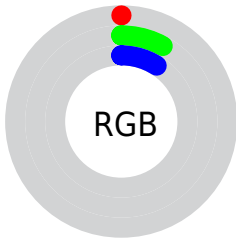
Format	Color
RYB	0, 11, 23
Decimal	5399
CIELab	5.40, -5.97, -3.61
CIELCh	5, 6.977, 211.167
Yxy	0.5982, 0.2197, 0.3108
Android (android.graphics.Color)	4278195479 (0xFF001517)
YUV	14.9490, 3.9691, -13.1103
Hunter-Lab	7.7343, -3.7767, -1.5143

Details

The Hex color **001517** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **170200**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **2F3F41**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **001517**, and if you desaturate by 10%, it is **021517**.

Distribution



Red (0%)

Green (8%)

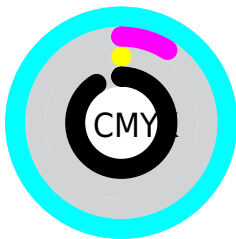
Blue (9%)



Red (0%)

Yellow (4%)

Blue (9%)

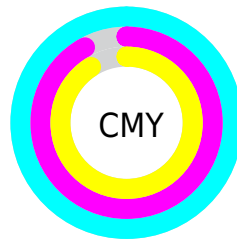


Cyan (100%)

Magenta (9%)

Yellow (0%)

Black (91%)



Cyan (100%)

Magenta (92%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001517 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 001517 by changing the saturation by 10% instead.

■ 001517

■ 001517

■ E2F6F8

■ 000000

■ 2F3F41

■ 455659

■ 5D6F71

■ 76888B

■ 90A2A5

■ AABDC0

■ C6D9DC

■ 001517

■ 021517

■ 051517

■ 071617

■ 091617

■ 0C1617

■ 0E1617

■ 101617

■ 121717

■ 151717

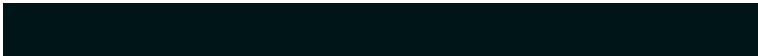
Harmonies

Analogous

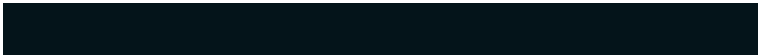
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



011512



001517



04141A

Triad

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



001517



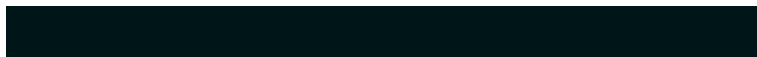
190F17



171103

Complementary

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



001517



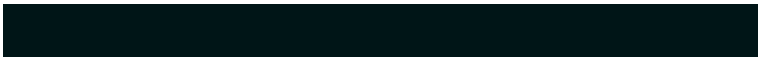
170200

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.



1B1005



001517



1C0E12

Square

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



001517



13101A



1D0E0B



101305

Rectangle

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



001517



09131B



1D0E0B



181103

Sweetspot

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



001517



151E1F



001702



0A0F0F



8F8F8F



0F0F0F

Same Dimension

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



001517



001C1F



000A17



0B0D0D



00464D



00BACC

Inverse Universe

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



170015



1F001C



170D00



0D0B0D



4D0046



CC00BA

Previews

White Background



This preview shows how the Hex color 001517 looks on a white background.

Color Contrast Check

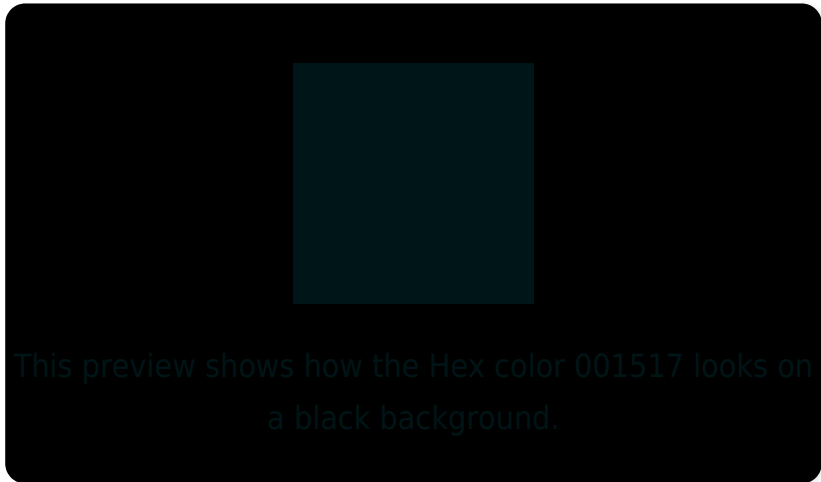
Large Text (above 18pt) WCAG AA ✓ Pass

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

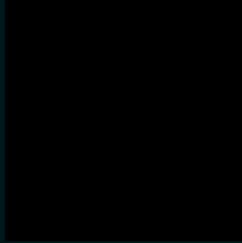
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

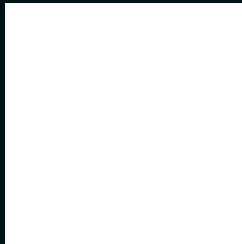
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 001517 Background



This preview shows how black text looks on a background with the Hex color 001517.



This preview shows how white text looks on a background with the Hex color 001517.

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
001517

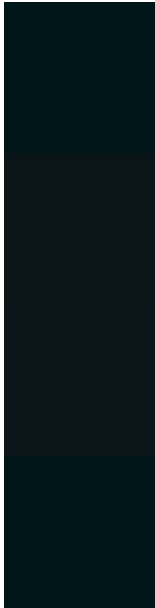
Protanopia
121316

Deuteranopia
121318



Tritanopia
001517

Trichromacy



Original Color
001517

Protanomaly
0B1416

Deuteranomaly
0B1418

Tritanomaly
001517

Monochromacy



Original Color
001517

Achromatopsia
0F0F0F

Achromatomaly
0A1112

CSS Examples

Text

The CSS property to change the color of the text to Hex 001517 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 #001517 looks like.

```
.text, #text, p{  
    color:#001517  
}
```

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 #001517 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001517
}
```

Border

The CSS property to change the border of an element to Hex 001517 is called "border". The border property can be set on classes, ids or directly on the HTML element.

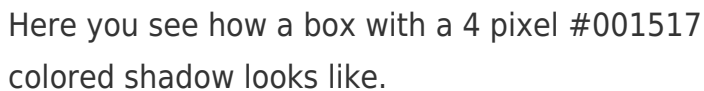
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#001517 }
```

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

```
.border{ border-color:#001517 }
```

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



Here you see how a box with a 4 pixel #001517 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001517; -webkit-box-shadow:4px 4px  
4px 4px #001517; box-shadow:4px 4px 4px  
4px #001517 }
```

Background

The CSS property to change the background color of an element to Hex 001517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001517 }
```

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

```
.background{ background-color:#001517 }
```

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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