

Converting Colors

Hex(001018)

Have a look what the booklet for
Hex(001018) contains.

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Color

Hex(001018)

Conversions

Conversions Part 1

Format	Color
Hex	001018
RGB	0, 16, 24
RGB Percent	0%, 6%, 9%
CMY	1.0000, 0.9373, 0.9059
CMYK	1.00, 0.33, 0.00, 0.91
HSL	200°, 100%, 5%
HSV	200°, 100%, 9%
XYZ	0.3502, 0.4365, 0.9300
YIQ	12.1280, -12.1040, -0.9040

Conversions

Conversions Part 2

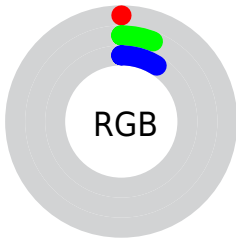
Format	Color
RYB	0, 10, 24
Decimal	4120
CIELab	3.94, -2.65, -6.50
CIELCh	4, 7.023, 247.811
Yxy	0.4365, 0.2040, 0.2543
Android (android.graphics.Color)	4278194200 (0xFF001018)
YUV	12.1280, 5.8529, -10.6363
Hunter-Lab	6.6070, -2.1022, -3.7203

Details

The Hex color **001018** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **180800**, and the grayscale version is **0C0C0C**.

A 20% lighter version of the original color is **2F3B43**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **001018**, and if you desaturate by 10%, it is **021118**.

Distribution



Red (0%)

Green (6%)

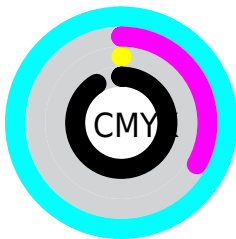
Blue (9%)



Red (0%)

Yellow (4%)

Blue (9%)

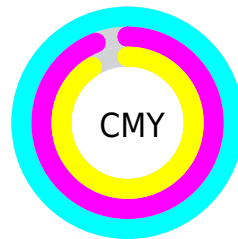


Cyan (100%)

Magenta (33%)

Yellow (0%)

Black (91%)



Cyan (100%)

Magenta (94%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001018 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 001018 by changing the saturation by 10% instead.

■ 001018

■ 001018

■ E2F0FA

■ 000000

■ 2F3B43

■ 45525A

■ 5D6A72

■ 76838C

■ 909DA6

■ AAB8C1

■ C6D3DD

■ 001018

■ 021118

■ 051218

■ 071218

■ 0A1318

■ 0C1418

■ 0E1518

■ 111618

■ 131618

■ 161718

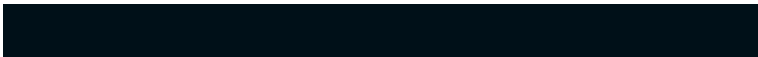
Harmonies

Analogous

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



001115



001018



090E19

Triad

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



001018



1A090C



0A1001

Complementary

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



001018



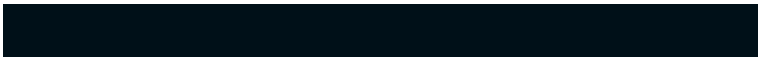
180800

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.



120E00



001018



1A0A04

Square

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



001018



170A13



170C00



001208

Rectangle

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



001018



0F0C18



170C00



0D0F00

Sweetspot

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



001018



151C1F



001808



0A0D0F



8F8F8F



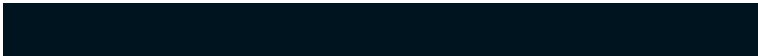
0F0F0F

Same Dimension

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



001018



00141F



000418



0B0C0D



00334D



0088CC

Inverse Universe

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



180010



1F0014



181400



0D0B0C



4D0033



CC0088

Previews

White Background



This preview shows how the Hex color 001018 looks on a white background.

Color Contrast Check

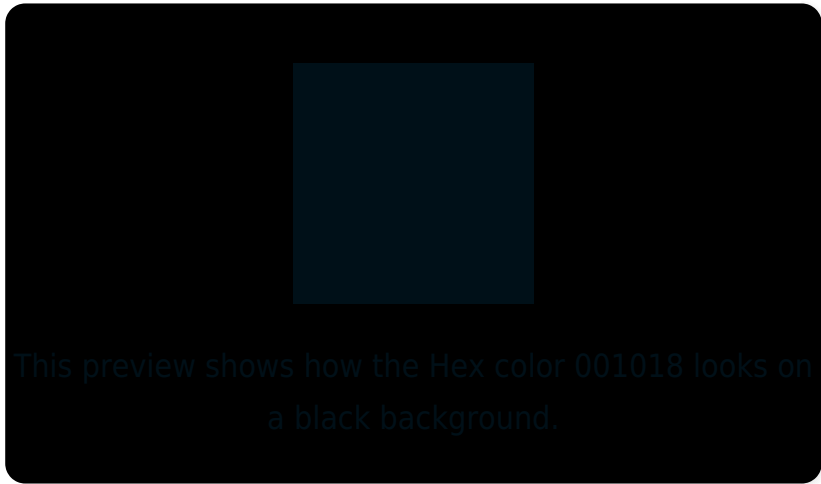
Large Text (above 18pt) WCAG AA ✓ Pass

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

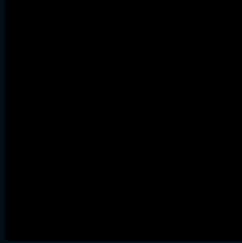
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

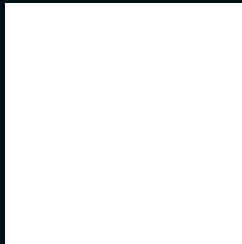
Any Text WCAG AAA × Fail

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

Hex 001018 Background



This preview shows how black text looks on a background with the Hex color 001018.



This preview shows how white text looks on a background with the Hex color 001018.

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
001018

Protanopia
0C0F17

Deuteranopia
0A0F18

Trichromacy



Original Color

001018

Protanomaly

080F17

Deuteranomaly

060F18

Monochromacy



Original Color

001018

Achromatopsia

0C0C0C

Achromatomaly

080D10

CSS Examples

Text

The CSS property to change the color of the text to Hex 001018 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 #001018 looks like.

```
.text, #text, p{  
    color:#001018  
}
```

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 #001018 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001018
}
```

Border

The CSS property to change the border of an element to Hex 001018 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
#001018 }
```

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

```
.border{ border-color:#001018 }
```

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

Here you see how a box with a 4 pixel #001018 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001018; -webkit-box-shadow:4px 4px  
4px 4px #001018; box-shadow:4px 4px 4px  
4px #001018 }
```

Background

The CSS property to change the background color of an element to Hex 001018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001018 }
```

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

```
.background{ background-color:#001018 }
```

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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