

Converting Colors

Hex(001B1F)

Have a look what the booklet for
Hex(001B1F) contains.

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Color

Hex(001B1F)

Conversions

Conversions Part 1

Format	Color
Hex	001B1F
RGB	0, 27, 31
RGB Percent	0%, 11%, 12%
CMY	1.0000, 0.8941, 0.8784
CMYK	1.00, 0.13, 0.00, 0.88
HSL	188°, 100%, 6%
HSV	188°, 100%, 12%
XYZ	0.6393, 0.8828, 1.4330
YIQ	19.3830, -17.3760, -4.4800

Conversions

Conversions Part 2

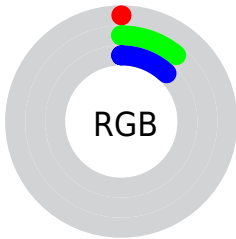
Format	Color
RYB	0, 14, 31
Decimal	6943
CIELab	7.97, -8.19, -5.89
CIELCh	8, 10.081, 215.717
Yxy	0.8828, 0.2163, 0.2987
Android (android.graphics.Color)	4278197023 (0xFF001B1F)
YUV	19.3830, 5.7272, -16.9989
Hunter-Lab	9.3957, -4.2979, -2.4659

Details

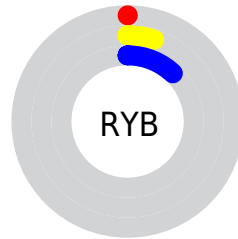
The Hex color **001B1F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **1F0400**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **2D464B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **001B1F**, and if you desaturate by 10%, it is **031B1F**.

Distribution



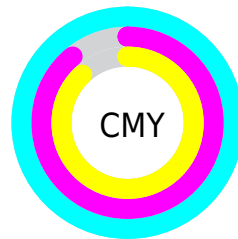
- Red (0%)
- Green (11%)
- Blue (12%)



- Red (0%)
- Yellow (5%)
- Blue (12%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (88%)



- Cyan (100%)
- Magenta (89%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001B1F 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 001B1F by changing the saturation by 10% instead.

■ 001B1F

■ 001B1F

■ E2FEFF

■ 000006

■ 2D464B

■ 000000

■ 445E63

■ 5C767B

■ 759095

■ 8FABB0

■ AAC6CB

■ C5E2E7

■ 001B1F

■ 031B1F

■ 061C1F

■ 091C1F

■ 0C1D1F

■ 101D1F

■ 131D1F

■ 161E1F

■ 191E1F

■ 1C1F1F

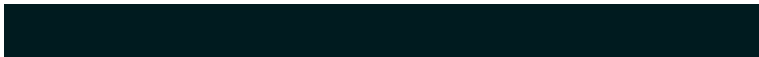
Harmonies

Analogous

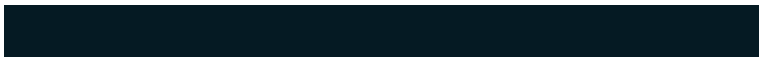
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



021B19



001B1F



051A23

Triad

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



001B1F



21131D



1C1705

Complementary

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



001B1F



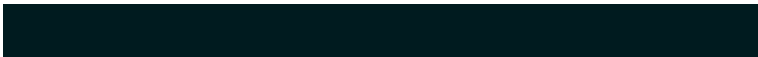
1F0400

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.



211507



001B1F



241216

Square

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



001B1F



1A1522



24130F



141909

Rectangle

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



001B1F



0C1825



24130F



1E1705

Sweetspot

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



001B1F



1D2729



001F04



0D1314



949494



141414

Same Dimension

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



001B1F



002429



000C1F



0E0F0F



00454F



00B4CF

Inverse Universe

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



1F001B



290024



1F1300



0F0E0F



4F0045



CF00B4

Previews

White Background



This preview shows how the Hex color 001B1F looks on a white background.

Color Contrast Check

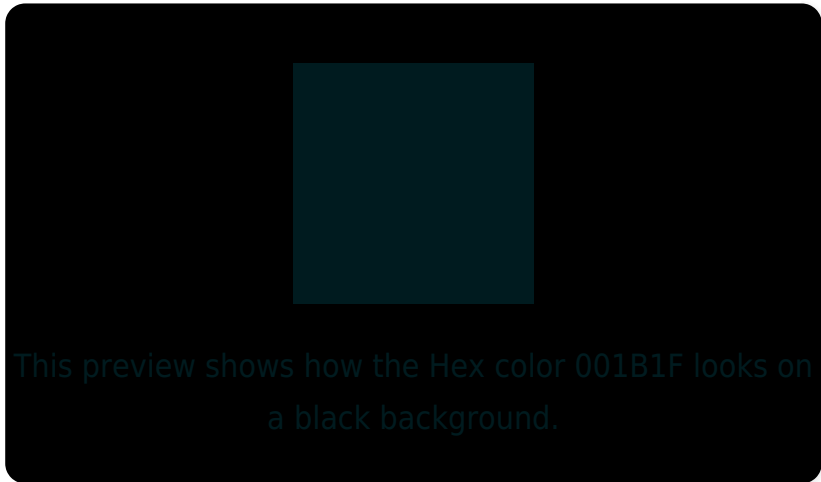
Large Text (above 18pt) WCAG AA ✓ Pass

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

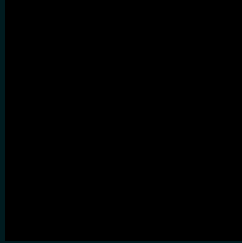
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

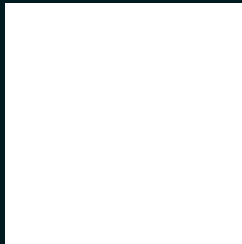
Any Text WCAG AAA × Fail

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

Hex 001B1F Background



This preview shows how black text looks on a background with the Hex color 001B1F.



This preview shows how white text looks on a background with the Hex color 001B1F.

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
001B1F

Protanopia
17181D

Deuteranopia
171820



Tritanopia
001B1D

Trichromacy



Original Color
001B1F

Protanomaly
0F191E

Deuteranomaly
0F1920

Tritanomaly
001B1E

Monochromacy



Original Color
001B1F

Achromatopsia
131313

Achromatomaly
0C1617

CSS Examples

Text

The CSS property to change the color of the text to Hex 001B1F 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 #001B1F looks like.

```
.text, #text, p{  
    color:#001B1F  
}
```

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 #001B1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001B1F
}
```

Border

The CSS property to change the border of an element to Hex 001B1F is called "border". The border property can be set on classes, ids or directly on the HTML element.

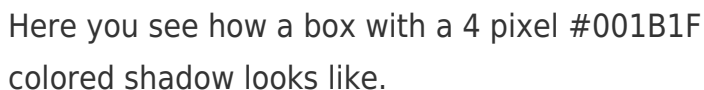
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#001B1F }
```

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

```
.border{ border-color:#001B1F }
```

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



Here you see how a box with a 4 pixel #001B1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001B1F; -webkit-box-shadow:4px 4px  
4px 4px #001B1F; box-shadow:4px 4px 4px  
4px #001B1F }
```

Background

The CSS property to change the background color of an element to Hex 001B1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001B1F }
```

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

```
.background{ background-color:#001B1F }
```

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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