

Converting Colors

Hex(2B001F)

Have a look what the booklet for
Hex(2B001F) contains.

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Color

Hex(2B001F)

Conversions

Conversions Part 1

Format	Color
Hex	2B001F
RGB	43, 0, 31
RGB Percent	17%, 0%, 12%
CMY	0.8314, 1.0000, 0.8784
CMYK	0.00, 1.00, 0.28, 0.83
HSL	317°, 100%, 8%
HSV	317°, 100%, 17%
XYZ	1.2436, 0.6125, 1.3490
YIQ	16.3910, 15.6770, 18.7570

Conversions

Conversions Part 2

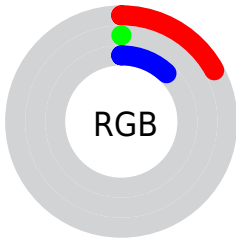
Format	Color
R_{YB}	43, 0, 31
Decimal	2818079
CIE _{Lab}	5.53, 25.01, -9.15
CIE _{LCh}	6, 26.628, 339.895
Yxy	0.6125, 0.3880, 0.1911
Android (android.graphics.Color)	4281008159 (0xFF2B001F)
YUV	16.3910, 7.2022, 23.3361
Hunter-Lab	7.8264, 14.6669, -4.7412

Details

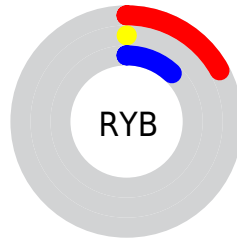
The Hex color **2B001F** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **002B0C**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **5A2D4B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B001F**, and if you desaturate by 10%, it is **2B0420**.

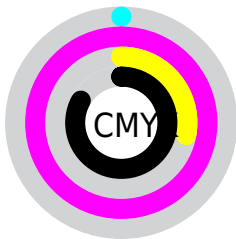
Distribution



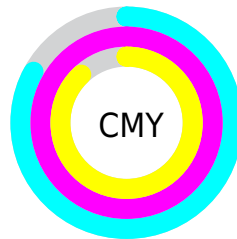
- Red (17%)
- Green (0%)
- Blue (12%)



- Red (17%)
- Yellow (0%)
- Blue (12%)



- Cyan (0%)
- Magenta (100%)
- Yellow (28%)
- Black (83%)



- Cyan (83%)
- Magenta (100%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B001F 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 2B001F by changing the saturation by 10% instead.

 2B001F

 2B001F

 FFE2FF

 0D0004

 5A2D4B

 000000

 744463

 8E5D7C

 A97695

 C490B0

 E0AACC

 FDC6E8

 2B001F

■ 2B0420

■ 2B0921

■ 2B0D23

■ 2B1124

■ 2B1625

■ 2B1A26

■ 2B1E27

■ 2B2229

■ 2B272A

Harmonies

Analogous

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



1A092D



2B001F



31000A

Triad

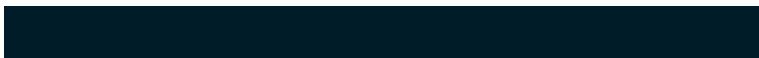
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2B001F



121400



001C29

Complementary

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



2B001F



002B0C

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.



001C18



2B001F



001900

Square

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



2B001F



230C00



001C00



001833

Rectangle

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



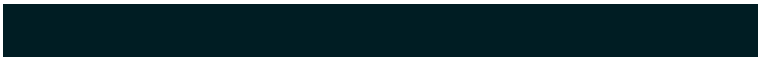
2B001F



2F0000



001C00



001D23

Sweetspot

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



2B001F



382733



0B002B



1C1219



9C9C9C



1C1C1C

Same Dimension

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



2B001F



380028



2B000A



141214



54003D



D40099

Inverse Universe

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



2B001F



380028



002B21



141214



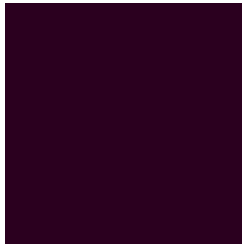
54003D



D40099

Previews

White Background



This preview shows how the Hex color 2B001F looks on a white background.

Color Contrast Check

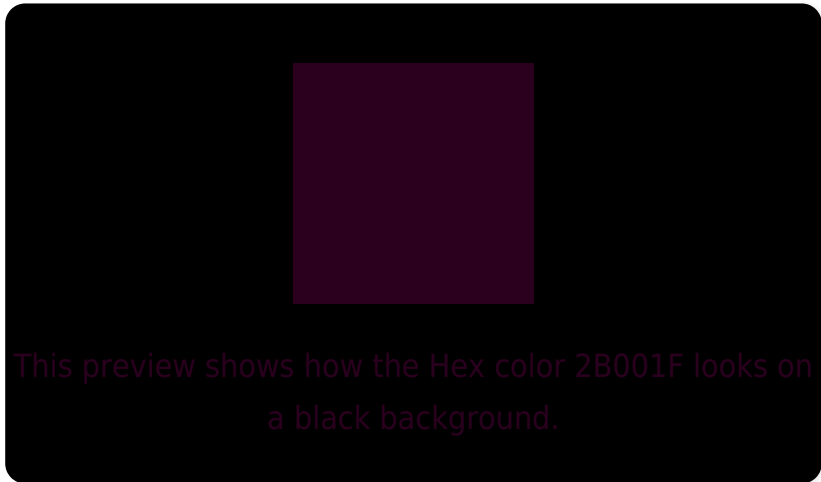
Large Text (above 18pt) WCAG AA ✓ Pass

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

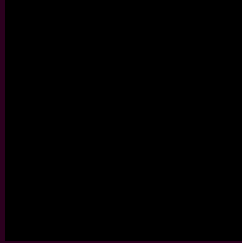
Any Text WCAG AA × Fail

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 2B001F Background



This preview shows how black text looks on a background with the Hex color 2B001F.



This preview shows how white text looks on a background with the Hex color 2B001F.

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
2B001F

Protanopia
0B162C

Deuteranopia
16171D

Trichromacy



Original Color
2B001F

Protanomaly
170E27

Deuteranomaly
1E0F1E

Tritanomaly
2A0814

Monochromacy



Original Color
2B001F

Achromatopsia
101010

Achromatomaly
1A0A15

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B001F 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 #2B001F looks like.

```
.text, #text, p{  
    color:#2B001F  
}
```

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 #2B001F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B001F
}
```

Border

The CSS property to change the border of an element to Hex 2B001F is called "border". The border property can be set on classes, ids or directly on the HTML element.

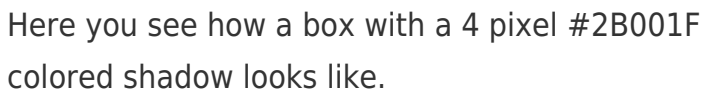
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B001F }
```

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

```
.border{ border-color:#2B001F }
```

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



Here you see how a box with a 4 pixel #2B001F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B001F; -webkit-box-shadow:4px 4px  
4px 4px #2B001F; box-shadow:4px 4px 4px  
4px #2B001F }
```

Background

The CSS property to change the background color of an element to Hex 2B001F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B001F }
```

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

```
.background{ background-color:#2B001F }
```

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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