

# Converting Colors

Hex(2B001C)

Have a look what the booklet for  
Hex(2B001C) contains.

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**Color**

**Hex(2B001C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2B001C
RGB	43, 0, 28
RGB Percent	17%, 0%, 11%
CMY	0.8314, 1.0000, 0.8902
CMYK	0.00, 1.00, 0.35, 0.83
HSL	321°, 100%, 8%
HSV	321°, 100%, 17%
XYZ	1.2059, 0.5974, 1.1504
YIQ	16.0490, 16.6400, 17.8240

# Conversions

## Conversions Part 2

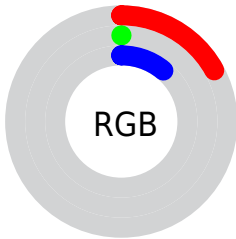
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	43, 0, 28
Decimal	2818076
CIE Lab	5.40, 24.39, -7.00
CIE LCh	5, 25.372, 343.997
Yxy	0.5974, 0.4083, 0.2023
Android (android.graphics.Color)	4281008156 (0xFF2B001C)
YUV	16.0490, 5.8918, 23.6360
Hunter-Lab	7.7294, 14.3214, -3.4136

# Details

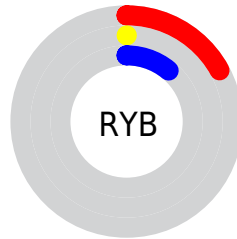
The Hex color **2B001C** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **002B0F**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **5A2D47**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B001C**, and if you desaturate by 10%, it is **2B041D**.

# Distribution



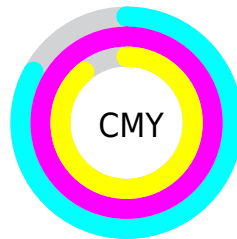
- Red (17%)
- Green (0%)
- Blue (11%)



- Red (17%)
- Yellow (0%)
- Blue (11%)



- Cyan (0%)
- Magenta (100%)
- Yellow (35%)
- Black (83%)



- Cyan (83%)
- Magenta (100%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2B001C 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 2B001C by changing the saturation by 10% instead.



 2B001C

 2B001C

 FFE2FF

 0C0000

 5A2D47

 000000

 74445F

 8E5D78

 A97691

 C490AC

 E1AAC7

 FDC6E3

 2B001C

■ 2B041D

■ 2B091F

■ 2B0D20

■ 2B1122

■ 2B1623

■ 2B1A25

■ 2B1E27

■ 2B2228

■ 2B272A

# Harmonies

## Analogous

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



1D082A



2B001C



300006

# Triad

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



2B001C



0E1400



001B29

# Complementary

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



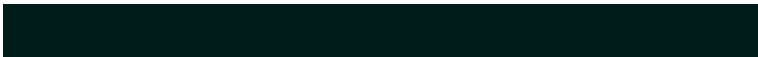
2B001C



002B0F

# 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.



001C1A



2B001C



001900

# Square

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



2B001C



200D00



001B02



001732

# Rectangle

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



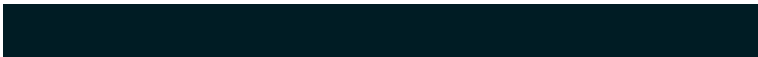
2B001C



2D0200



001B02



001C24



# Sweetspot

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



2B001C



382732



0E002B



1C1219



9C9C9C



1C1C1C



# Same Dimension

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



2B001C



380025



2B0007



141214



540037



D4008A



# Inverse Universe

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



2B001C



380025



002B24



141214



540037

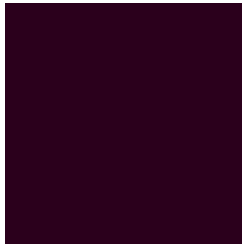


D4008A



# Previews

## White Background



This preview shows how the Hex color 2B001C looks on a white background.

## Color Contrast Check

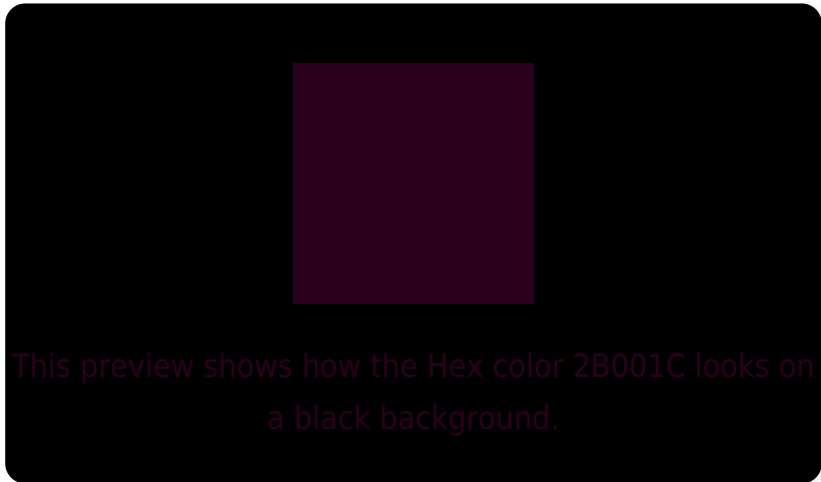
Large Text (above 18pt) WCAG AA ✓ Pass

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

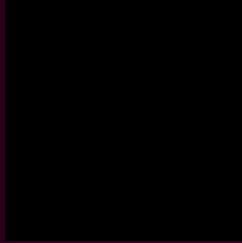
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2B001C Background



This preview shows how black text looks on a background with the Hex color 2B001C.



This preview shows how white text looks on a background with the Hex color 2B001C.

# 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](#).

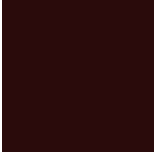
## Dichromacy



**Original Color**  
2B001C

**Protanopia**  
0F1628

**Deuteranopia**  
18161A



**Tritanopia**  
2A0B0B

# Trichromacy



**Original Color**  
2B001C

**Protanomaly**  
190E24

**Deuteranomaly**  
1F0E1B

**Tritanomaly**  
2A0711

# Monochromacy



**Original Color**  
2B001C

**Achromatopsia**  
101010

**Achromatomaly**  
1A0A14

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2B001C 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 #2B001C looks like.

```
.text, #text, p{  
    color:#2B001C  
}
```

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 #2B001C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B001C
}
```

## Border

The CSS property to change the border of an element to Hex 2B001C is called "border". The border property can be set on classes, ids or directly on the HTML element.

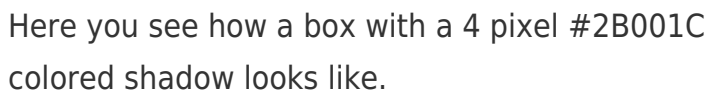
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B001C }
```

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

```
.border{ border-color:#2B001C }
```

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



Here you see how a box with a 4 pixel #2B001C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B001C; -webkit-box-shadow:4px 4px  
4px 4px #2B001C; box-shadow:4px 4px 4px  
4px #2B001C }
```

# Background

The CSS property to change the background color of an element to Hex 2B001C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B001C }
```

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

```
.background{ background-color:#2B001C }
```

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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