

Converting Colors

Hex(2C001C)

Have a look what the booklet for
Hex(2C001C) contains.

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Color

Hex(2C001C)

Conversions

Conversions Part 1

Format	Color
Hex	2C001C
RGB	44, 0, 28
RGB Percent	17%, 0%, 11%
CMY	0.8275, 1.0000, 0.8902
CMYK	0.00, 1.00, 0.36, 0.83
HSL	322°, 100%, 9%
HSV	322°, 100%, 17%
XYZ	1.2483, 0.6193, 1.1524
YIQ	16.3480, 17.2360, 18.0360

Conversions

Conversions Part 2

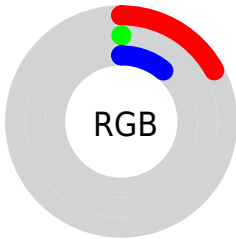
Format	Color
R_{YB}	44, 0, 28
Decimal	2883612
CIE Lab	5.59, 24.89, -6.68
CIE LCh	6, 25.770, 344.978
Yxy	0.6193, 0.4134, 0.2051
Android (android.graphics.Color)	4281073692 (0xFF2C001C)
YUV	16.3480, 5.7444, 24.2508
Hunter-Lab	7.8696, 14.5423, -3.1731

Details

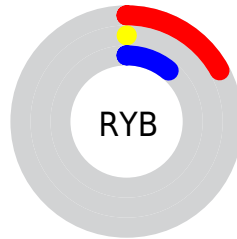
The Hex color **2C001C** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **002C10**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **5C2D47**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2C001C**, and if you desaturate by 10%, it is **2C041E**.

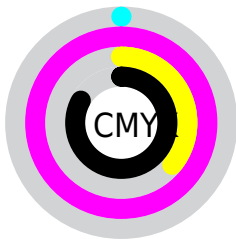
Distribution



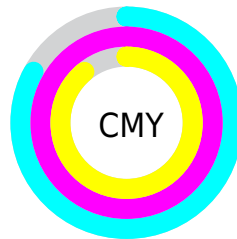
- Red (17%)
- Green (0%)
- Blue (11%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (36%)
- Black (83%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 2C001C 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 2C001C by changing the saturation by 10% instead.

 2C001C

 2C001C

 FFE2FF

 0F0000

 5C2D47

 000000

 75445F

 8F5D78

 AA7691

 C690AC

 E2AAC7

 FFC6E3

 2C001C

■ 2C041E

■ 2C091F

■ 2C0D21

■ 2C1222

■ 2C1624

■ 2C1A26

■ 2C1F27

■ 2C2329

■ 2C282A

Harmonies

Analogous

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



1E082B



2C001C



300005

Triad

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



2C001C



0E1500



001B2A

Complementary

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



2C001C



002C10

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.



001D1B



2C001C



001A00

Square

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



2C001C



210E00



001C03



001733

Rectangle

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



2C001C



2E0200



001C03



001C26

Sweetspot

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



2C001C



382732



0F002C



1C1218



9C9C9C



1C1C1C

Same Dimension

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



2C001C



380024



2C0007



171516



570037



D60088

Inverse Universe

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



2C001C



380024



002C25



171516



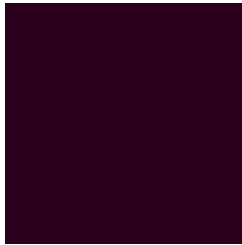
570037



D60088

Previews

White Background



This preview shows how the Hex color 2C001C looks on a white background.

Color Contrast Check

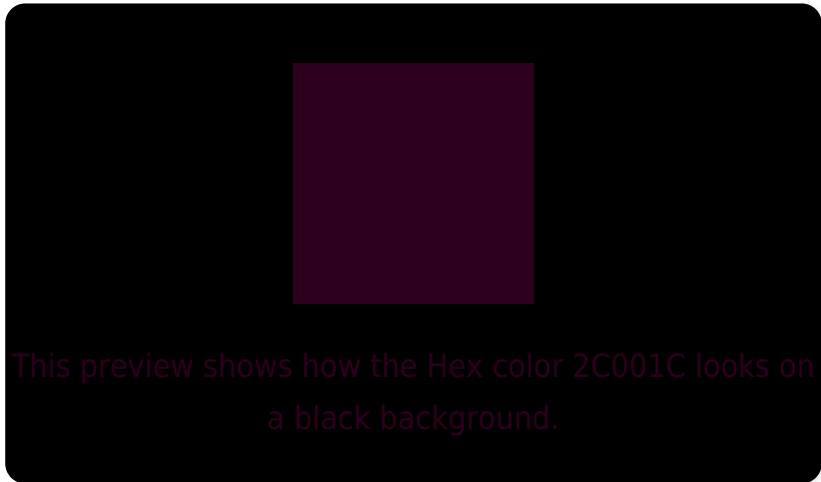
Large Text (above 18pt) WCAG AA ✓ Pass

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

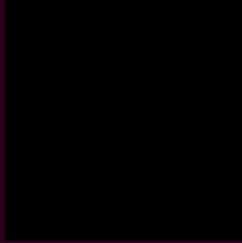
Any Text WCAG AA × Fail

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 2C001C Background



This preview shows how black text looks on a background with the Hex color 2C001C.



This preview shows how white text looks on a background with the Hex color 2C001C.

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](#).

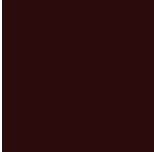
Dichromacy



Original Color
2C001C

Protanopia
101728

Deuteranopia
18171A



Tritanopia
2B0B0B

Trichromacy



Original Color
2C001C

Protanomaly
1A0F24

Deuteranomaly
1F0F1B

Tritanomaly
2B0711

Monochromacy



Original Color
2C001C

Achromatopsia
101010

Achromatomaly
1A0A14

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C001C 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 #2C001C looks like.

```
.text, #text, p{  
    color:#2C001C  
}
```

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 #2C001C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C001C
}
```

Border

The CSS property to change the border of an element to Hex 2C001C is called "border". The border property can be set on classes, ids or directly on the HTML element.

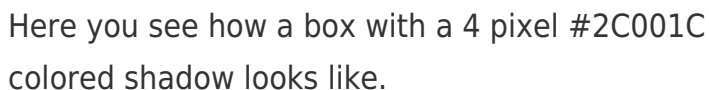
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C001C }
```

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

```
.border{ border-color:#2C001C }
```

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



Here you see how a box with a 4 pixel #2C001C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C001C; -webkit-box-shadow:4px 4px  
4px 4px #2C001C; box-shadow:4px 4px 4px  
4px #2C001C }
```

Background

The CSS property to change the background color of an element to Hex 2C001C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C001C }
```

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

```
.background{ background-color:#2C001C }
```

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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