

Converting Colors

Hex(2C001E)

Have a look what the booklet for
Hex(2C001E) contains.

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Color

Hex(2C001E)

Conversions

Conversions Part 1

Format	Color
Hex	2C001E
RGB	44, 0, 30
RGB Percent	17%, 0%, 12%
CMY	0.8275, 1.0000, 0.8824
CMYK	0.00, 1.00, 0.32, 0.83
HSL	319°, 100%, 9%
HSV	319°, 100%, 17%
XYZ	1.2730, 0.6292, 1.2826
YIQ	16.5760, 16.5940, 18.6580

Conversions

Conversions Part 2

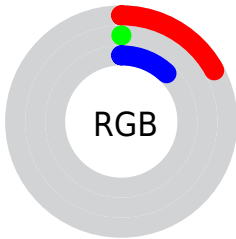
Format	Color
R_{YB}	44, 0, 30
Decimal	2883614
CIE Lab	5.68, 25.28, -8.12
CIE LCh	6, 26.551, 342.189
Yxy	0.6292, 0.3997, 0.1976
Android (android.graphics.Color)	4281073694 (0xFF2C001E)
YUV	16.5760, 6.6180, 24.0508
Hunter-Lab	7.9323, 14.7660, -4.0346

Details

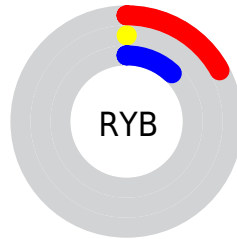
The Hex color **2C001E** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **002C0E**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **5C2D4A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2C001E**, and if you desaturate by 10%, it is **2C041F**.

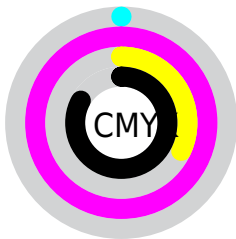
Distribution



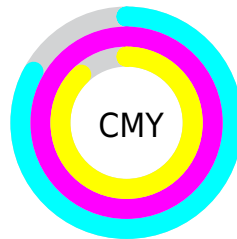
- Red (17%)
- Green (0%)
- Blue (12%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (32%)
- Black (83%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 2C001E 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 2C001E by changing the saturation by 10% instead.

 2C001E

 2C001E

 FFE2FF

 100002

 5C2D4A

 000000

 754561

 8F5D7A

 AA7694

 C690AF

 E2AACA

 FFC6E6

 2C001E

■ 2C041F

■ 2C0921

■ 2C0D22

■ 2C1224

■ 2C1625

■ 2C1A26

■ 2C1F28

■ 2C2329

■ 2C282B

Harmonies

Analogous

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



1C092D



2C001E



310008

Triad

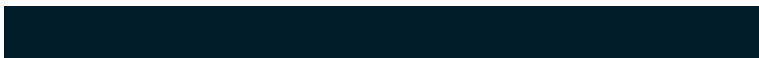
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2C001E



101500



001C2A

Complementary

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



2C001E



002C0E

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.



001D1A



2C001E



001A00

Square

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



2C001E



220D00



001C00



001834

Rectangle

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



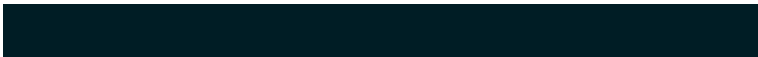
2C001E



2F0100



001C00



001D25

Sweetspot

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



2C001E



382733



0E002C



1C1219



9C9C9C



1C1C1C

Same Dimension

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



2C001E



380026



2C0008



171516



57003B



D60092

Inverse Universe

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



2C001E



380026



002C24



171516



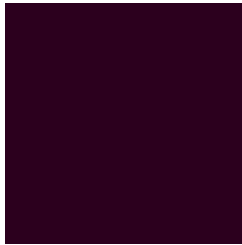
57003B



D60092

Previews

White Background



This preview shows how the Hex color 2C001E looks on a white background.

Color Contrast Check

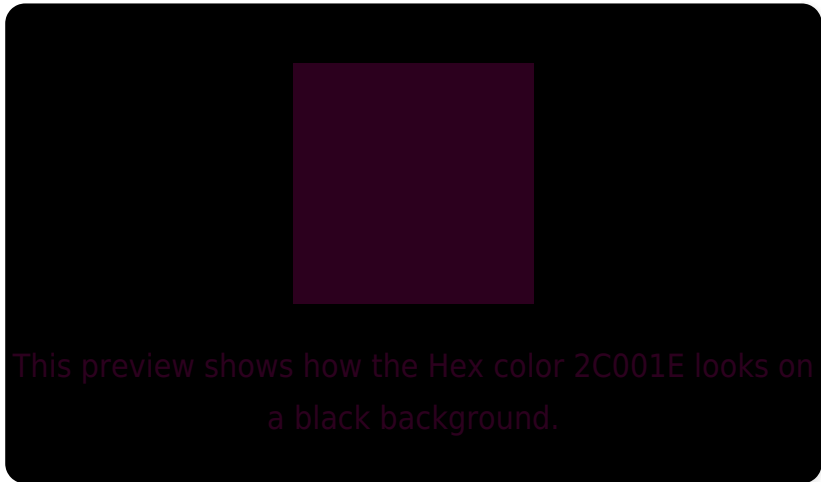
Large Text (above 18pt) WCAG AA ✓ Pass

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

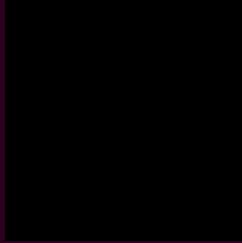
Any Text WCAG AA × Fail

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 2C001E Background



This preview shows how black text looks on a background with the Hex color 2C001E.



This preview shows how white text looks on a background with the Hex color 2C001E.

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](#).

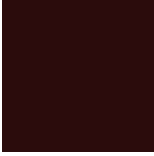
Dichromacy



Original Color
2C001E

Protanopia
0E172B

Deuteranopia
18171C



Trichromacy



Original Color
2C001E

Protanomaly
190F26

Deuteranomaly
1F0F1D

Tritanomaly
2B0813

Monochromacy



Original Color
2C001E

Achromatopsia
111111

Achromatomaly
1B0B16

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C001E 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 #2C001E looks like.

```
.text, #text, p{  
    color:#2C001E  
}
```

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 #2C001E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C001E
}
```

Border

The CSS property to change the border of an element to Hex 2C001E is called "border". The border property can be set on classes, ids or directly on the HTML element.

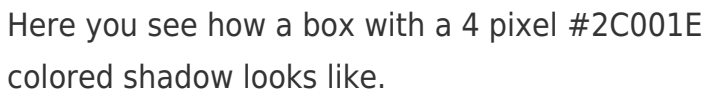
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C001E }
```

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

```
.border{ border-color:#2C001E }
```

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



Here you see how a box with a 4 pixel #2C001E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C001E; -webkit-box-shadow:4px 4px  
4px 4px #2C001E; box-shadow:4px 4px 4px  
4px #2C001E }
```

Background

The CSS property to change the background color of an element to Hex 2C001E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C001E }
```

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

```
.background{ background-color:#2C001E }
```

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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