

Converting Colors

Hex(2C071A)

Have a look what the booklet for
Hex(2C071A) contains.

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Color

Hex(2C071A)

Conversions

Conversions Part 1

Format	Color
Hex	2C071A
RGB	44, 7, 26
RGB Percent	17%, 3%, 10%
CMY	0.8275, 0.9725, 0.8980
CMYK	0.00, 0.84, 0.41, 0.83
HSL	329°, 73%, 10%
HSV	329°, 84%, 17%
XYZ	1.3011, 0.7620, 1.0558
YIQ	20.2290, 15.9530, 13.7530

Conversions

Conversions Part 2

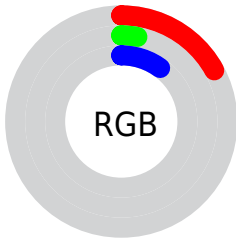
Format	Color
RYB	44, 7, 26
Decimal	2885402
CIELab	6.88, 20.97, -3.19
CIElCh	7, 21.217, 351.340
Yxy	0.7620, 0.4172, 0.2443
Android (android.graphics.Color)	4281075482 (0xFF2C071A)
YUV	20.2290, 2.8451, 20.8472
Hunter-Lab	8.7293, 11.3298, -1.0604

Details

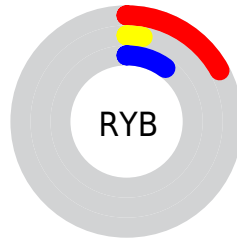
The Hex color **2C071A** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **072C19**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **5C3345**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2C0318**, and if you desaturate by 10%, it is **2C0B1C**.

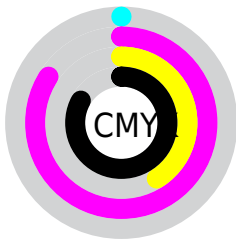
Distribution



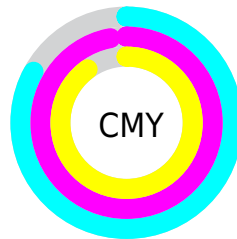
- Red (17%)
- Green (3%)
- Blue (10%)



- Red (17%)
- Yellow (3%)
- Blue (10%)



- Cyan (0%)
- Magenta (84%)
- Yellow (41%)
- Black (83%)



- Cyan (83%)
- Magenta (97%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C071A 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 2C071A by changing the saturation by 10% instead.

 2C071A

 2C071A

 FFE8FD

 120000

 5C3345

 000000

 754A5C

 8F6275

 AA7C8F

 C596A9

 E2B0C4

 FFCCE0

 2C071A

 2C071A

■ 2C0318

■ 2C0B1C

■ 2C0017

■ 2C101E

■ 2C1420

■ 2C1923

■ 2C1D25

■ 2C2127

■ 2C2629

■ 2C2A2B

■ 2C2F2D

Harmonies

Analogous

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



220D27



2C071A



2E0707

Triad

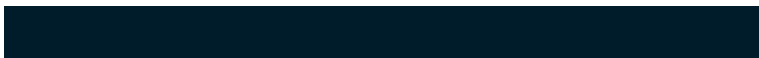
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2C071A



111800



001C2B

Complementary

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



2C071A



072C19

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.



001D1F



2C071A



001B00

Square

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



2C071A



201300



001D0F



001831

Rectangle

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



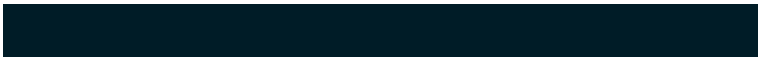
2C071A



2C0B00



001D0F



001C27

Sweetspot

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



2C071A



382A31



19072C



1C1418



9C9C9C



1C1C1C

Same Dimension

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



2C071A



38001D



2C0708



171516



57002D



D6006E

Inverse Universe

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



2C071A



38001D



072C2B



171516



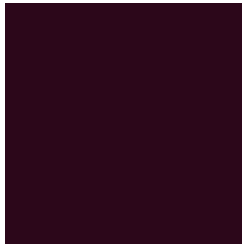
57002D



D6006E

Previews

White Background



This preview shows how the Hex color 2C071A looks on a white background.

Color Contrast Check

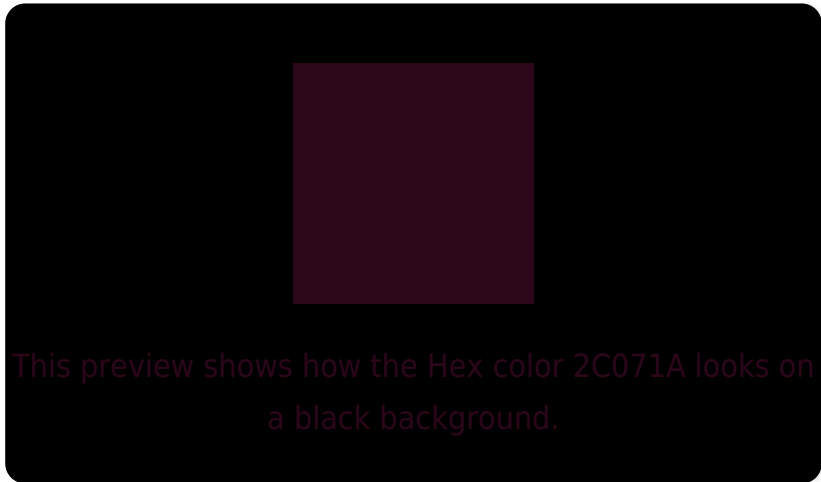
Large Text (above 18pt) WCAG AA ✓ Pass

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

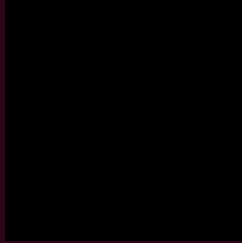
Any Text WCAG AA × Fail

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 2C071A Background



This preview shows how black text looks on a background with the Hex color 2C071A.



This preview shows how white text looks on a background with the Hex color 2C071A.

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
2C071A

Protanopia
131724

Deuteranopia
1A1718



Tritanopia
2B0C0C

Trichromacy



Original Color
2C071A

Protanomaly
1C1120

Deuteranomaly
211119

Tritanomaly
2B0A11

Monochromacy



Original Color
2C071A

Achromatopsia
141414

Achromatomaly
1D0F16

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C071A 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 #2C071A looks like.

```
.text, #text, p{  
    color:#2C071A  
}
```

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 #2C071A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C071A
}
```

Border

The CSS property to change the border of an element to Hex 2C071A 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".

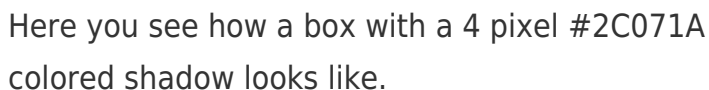
```
.border, #border, table{ border:4px solid
#2C071A }
```

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

```
.border{ border-color:#2C071A }
```

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

Here you see how a box with a 4 pixel #2C071A colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C071A; -webkit-box-shadow:4px 4px  
4px 4px #2C071A; box-shadow:4px 4px 4px  
4px #2C071A }
```

Background

The CSS property to change the background color of an element to Hex 2C071A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C071A }
```

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

```
.background{ background-color:#2C071A }
```

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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