

Converting Colors

Hex(2C072D)

Have a look what the booklet for
Hex(2C072D) contains.

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Color

Hex(2C072D)

Conversions

Conversions Part 1

Format	Color
Hex	2C072D
RGB	44, 7, 45
RGB Percent	17%, 3%, 18%
CMY	0.8275, 0.9725, 0.8235
CMYK	0.02, 0.84, 0.00, 0.82
HSL	298°, 73%, 10%
HSV	298°, 84%, 18%
XYZ	1.5883, 0.8769, 2.5682
YIQ	22.3950, 9.8540, 19.6620

Conversions

Conversions Part 2

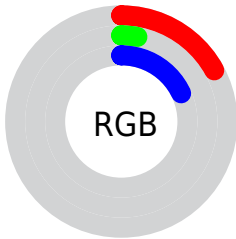
Format	Color
RYB	44, 7, 45
Decimal	2885421
CIELab	7.92, 24.72, -16.11
CIELCh	8, 29.512, 326.906
Yxy	0.8769, 0.3156, 0.1742
Android (android.graphics.Color)	4281075501 (0xFF2C072D)
YUV	22.3950, 11.1443, 18.9476
Hunter-Lab	9.3643, 13.8892, -9.7054

Details

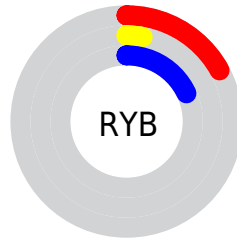
The Hex color **2C072D** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **082D07**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **5B345B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2C022D**, and if you desaturate by 10%, it is **2C0B2D**.

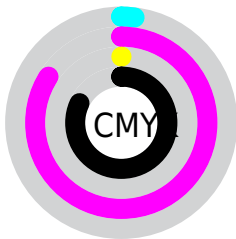
Distribution



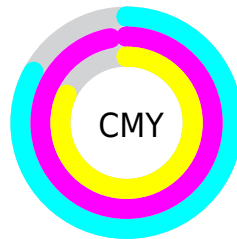
- Red (17%)
- Green (3%)
- Blue (18%)



- Red (17%)
- Yellow (3%)
- Blue (18%)



- Cyan (2%)
- Magenta (84%)
- Yellow (0%)
- Black (82%)



- Cyan (83%)
- Magenta (97%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C072D 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 2C072D by changing the saturation by 10% instead.

 2C072D

 2C072D

 FFEAFF

 160019

 5B345B

 000000

 754B74

 8F638D

 A97DA8

 C597C3

 E1B2DF

 FECDFC

 2C072D

 2C072D

■ 2C022D

■ 2C0B2D

■ 2C002D

■ 2C102D

■ 2C142D

■ 2C192D

■ 2D1D2D

■ 2D222D

■ 2D272D

■ 2D2B2D

■ 2D2F2D

Harmonies

Analogous

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



0E133B



2C072D



37001A

Triad

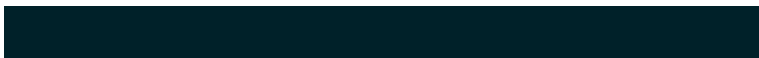
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2C072D



201600



002129

Complementary

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



2C072D



082D07

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.



002214



2C072D



0A1C00

Square

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



2C072D



2F0D00



002000



001F38

Rectangle

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



2C072D



39000A



002000



002222

Sweetspot

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



2C072D



3A2C3B



07082D



1E151F



9E9E9E



1F1F1F

Same Dimension

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



2C072D



39003B



2D071B



171517



540057



D100D6

Inverse Universe

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



2D0708



3B0002



072D19



171515



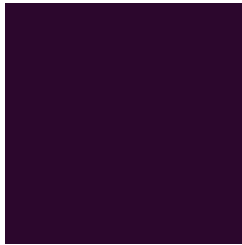
570002



D60006

Previews

White Background



This preview shows how the Hex color 2C072D looks on a white background.

Color Contrast Check

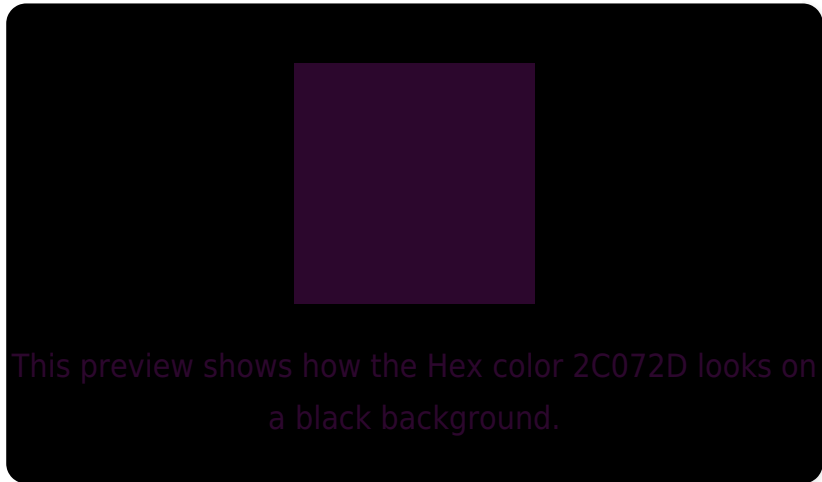
Large Text (above 18pt) WCAG AA ✓ Pass

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

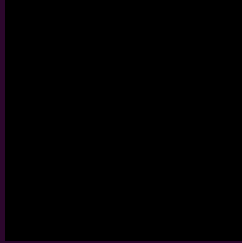
Any Text WCAG AA × Fail

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 2C072D Background



This preview shows how black text looks on a background with the Hex color 2C072D.



This preview shows how white text looks on a background with the Hex color 2C072D.

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
2C072D

Protanopia
001935

Deuteranopia
0F1A2A



Tritanopia
291314

Trichromacy



Original Color
2C072D

Protanomaly
101232

Deuteranomaly
1A132B

Tritanomaly
2A0F1D

Monochromacy



Original Color
2C072D

Achromatopsia
161616

Achromatomaly
1E111E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C072D 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 #2C072D looks like.

```
.text, #text, p{  
    color:#2C072D  
}
```

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 #2C072D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C072D
}
```

Border

The CSS property to change the border of an element to Hex 2C072D is called "border". The border property can be set on classes, ids or directly on the HTML element.

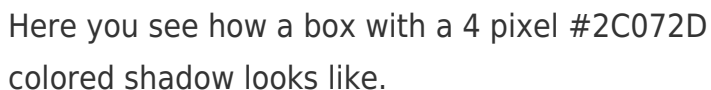
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C072D }
```

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

```
.border{ border-color:#2C072D }
```

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



Here you see how a box with a 4 pixel #2C072D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C072D; -webkit-box-shadow:4px 4px  
4px 4px #2C072D; box-shadow:4px 4px 4px  
4px #2C072D }
```

Background

The CSS property to change the background color of an element to Hex 2C072D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C072D }
```

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

```
.background{ background-color:#2C072D }
```

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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