

Converting Colors

Hex(2C022F)

Have a look what the booklet for
Hex(2C022F) contains.

Hex(2C022F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2C022F)

Conversions

Conversions Part 1

Format	Color
Hex	2C022F
RGB	44, 2, 47
RGB Percent	17%, 1%, 18%
CMY	0.8275, 0.9922, 0.8157
CMYK	0.06, 0.96, 0.00, 0.82
HSL	296°, 92%, 10%
HSV	296°, 96%, 18%
XYZ	1.5735, 0.7841, 2.7577
YIQ	19.6880, 10.5870, 22.8990

Conversions

Conversions Part 2

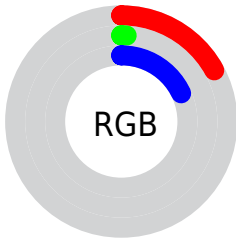
Format	Color
RYB	44, 2, 47
Decimal	2884143
CIELab	7.08, 27.94, -18.94
CIELCh	7, 33.750, 325.869
Yxy	0.7841, 0.3076, 0.1533
Android (android.graphics.Color)	4281074223 (0xFF2C022F)
YUV	19.6880, 13.4648, 21.3216
Hunter-Lab	8.8551, 16.2222, -12.2661

Details

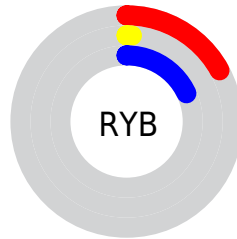
The Hex color **2C022F** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **052F02**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **5C2F5D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2C002F**, and if you desaturate by 10%, it is **2C072F**.

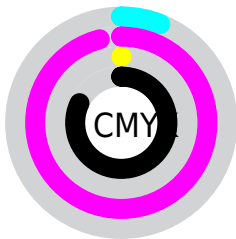
Distribution



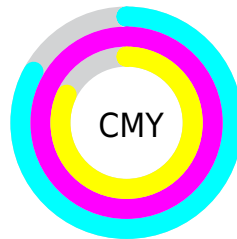
- Red (17%)
- Green (1%)
- Blue (18%)



- Red (17%)
- Yellow (1%)
- Blue (18%)



- Cyan (6%)
- Magenta (96%)
- Yellow (0%)
- Black (82%)



- Cyan (83%)
- Magenta (99%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C022F 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 2C022F by changing the saturation by 10% instead.

 2C022F

 2C022F

 FFE5FF

 15001A

 5C2F5D

 000000

 754776

 8F5F90

 AA78AA

 C692C6

 E2ADE2

 FFC9FF

 2C022F

 2C022F

■ 2C002F

■ 2C072F

■ 2D0B2F

■ 2D102F

■ 2D152F

■ 2E192F

■ 2E1E2F

■ 2E232F

■ 2F282F

■ 2F2C2F

Harmonies

Analogous

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



04113E



2C022F



39001A

Triad

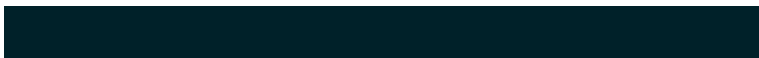
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2C022F



1F1400



002129

Complementary

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



2C022F



052F02

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.



002111



2C022F



011B00

Square

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



2C022F



2F0800



002000



001F3B

Rectangle

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



2C022F



3B0005



002000



002121

Sweetspot

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



2C022F



3C2B3D



02052F



1E141F



9E9E9E



1F1F1F

Same Dimension

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



2C022F



39003D



2F021B



171517



510057



C800D6

Inverse Universe

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



2F0205



3D0004



022F16



171515



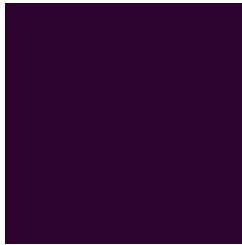
570006



D6000E

Previews

White Background



This preview shows how the Hex color 2C022F looks on a white background.

Color Contrast Check

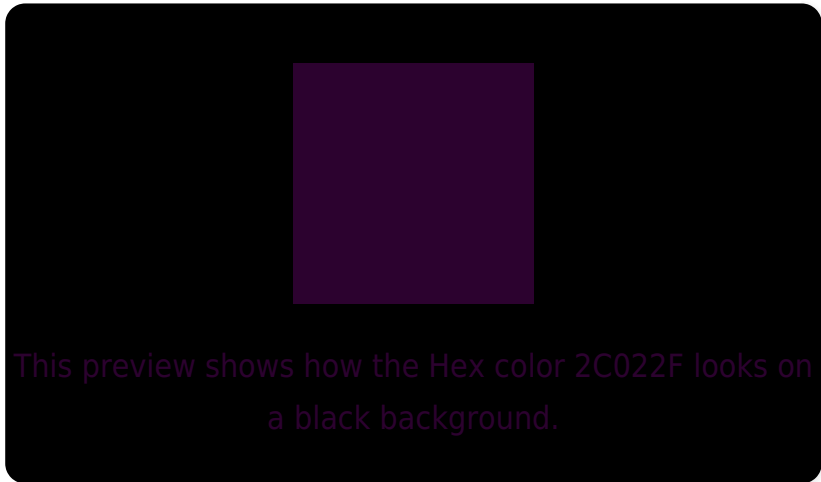
Large Text (above 18pt) WCAG AA ✓ Pass

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

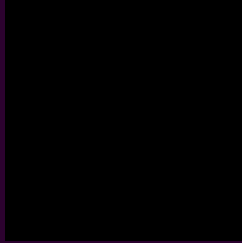
Any Text WCAG AA × Fail

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 2C022F Background



This preview shows how black text looks on a background with the Hex color 2C022F.



This preview shows how white text looks on a background with the Hex color 2C022F.

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
2C022F

Protanopia
001934

Deuteranopia
0B1A2C



Tritanopia
291214

Trichromacy



Original Color
2C022F

Protanomaly
101132

Deuteranomaly
17112D

Tritanomaly
2A0C1E

Monochromacy



Original Color
2C022F

Achromatopsia
141414

Achromatomaly
1D0D1E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C022F 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 #2C022F looks like.

```
.text, #text, p{  
    color:#2C022F  
}
```

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 #2C022F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C022F
}
```

Border

The CSS property to change the border of an element to Hex 2C022F is called "border". The border property can be set on classes, ids or directly on the HTML element.

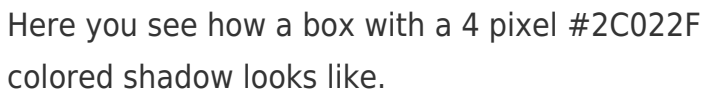
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C022F }
```

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

```
.border{ border-color:#2C022F }
```

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



Here you see how a box with a 4 pixel #2C022F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C022F; -webkit-box-shadow:4px 4px  
4px 4px #2C022F; box-shadow:4px 4px 4px  
4px #2C022F }
```

Background

The CSS property to change the background color of an element to Hex 2C022F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C022F }
```

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

```
.background{ background-color:#2C022F }
```

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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