

Converting Colors

Hex(2C027F)

Have a look what the booklet for
Hex(2C027F) contains.

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Color

Hex(2C027F)

Conversions

Conversions Part 1

Format	Color
Hex	2C027F
RGB	44, 2, 127
RGB Percent	17%, 1%, 50%
CMY	0.8275, 0.9922, 0.5020
CMYK	0.65, 0.98, 0.00, 0.50
HSL	260°, 97%, 25%
HSV	260°, 98%, 50%
XYZ	4.8912, 2.1112, 20.2284
YIQ	28.8080, -15.0930, 47.7790

Conversions

Conversions Part 2

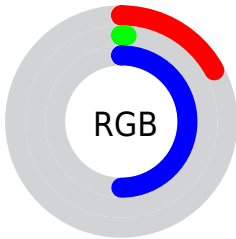
Format	Color
R_{YB}	44, 2, 127
Decimal	2884223
CIE _{Lab}	16.06, 47.79, -58.84
CIE _{LCh}	16, 75.804, 309.080
Yxy	2.1112, 0.1796, 0.0775
Android (android.graphics.Color)	4281074303 (0xFF2C027F)
YUV	28.8080, 48.4087, 13.3234
Hunter-Lab	14.5300, 34.6606, -72.3717

Details

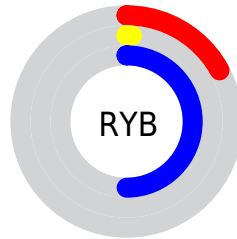
The Hex color **2C027F** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **557F02**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **6738B5**, and **00004C** is the 20% darker color. If you saturate the color by 10%, you get **2B007F**, and if you desaturate by 10%, it is **340F7F**.

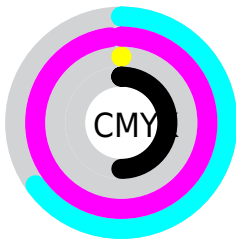
Distribution



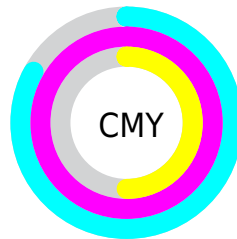
- Red (17%)
- Green (1%)
- Blue (50%)



- Red (17%)
- Yellow (1%)
- Blue (50%)



- Cyan (65%)
- Magenta (98%)
- Yellow (0%)
- Black (50%)



- Cyan (83%)
- Magenta (99%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C027F 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 2C027F by changing the saturation by 10% instead.

 2C027F

 2C027F

 FFF4FF

 000065

 6738B5

 00004C

 8351D1

 000534

 A06AEE

 00021E

 BC85FF

 000001

 DA9FFF

 000000

 F7BBFF

 FFD7FF

 2C027F

 2C027F

■ 2B007F

■ 340F7F

■ 3D1B7F

■ 45287F

■ 4E357F

■ 56427F

■ 5F4E7F

■ 675B7F

■ 6F687F

■ 78747F

Harmonies

Analogous

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



002E98



2C027F



6E0050

Triad

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



2C027F



4F1300



003938

Complementary

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



2C027F



557F02

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.



003800



2C027F



232C00

Square

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



2C027F



6E0000



003400



003B6D

Rectangle

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



2C027F



7B002D



003400



003925

Sweetspot

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



2C027F



8574A6



02557F



403654



D4D4D4



545454

Same Dimension

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



2C027F



3800A6



6A027F



3C3940



2B0080



000000

Inverse Universe

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



7F0255



A6006E



177F02



40393E



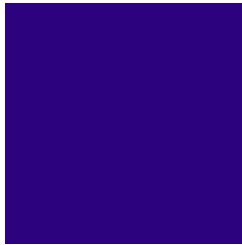
800055



000000

Previews

White Background



This preview shows how the Hex color 2C027F looks on a white background.

Color Contrast Check

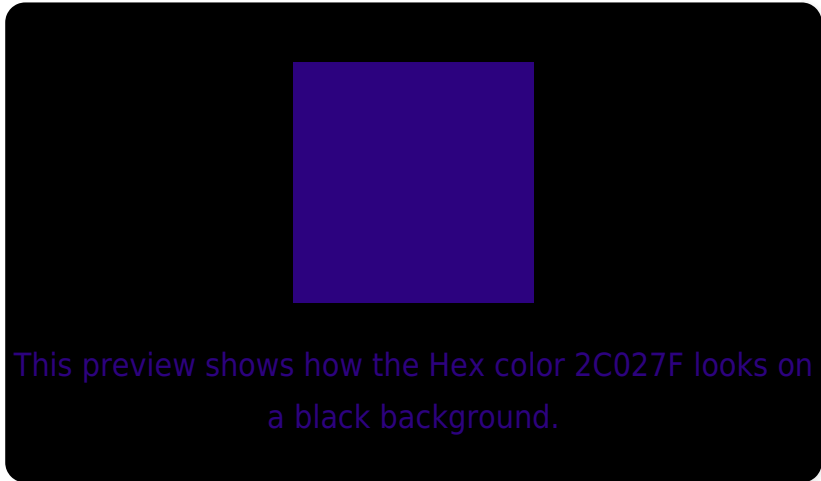
Large Text (above 18pt) WCAG AA ✓ Pass

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

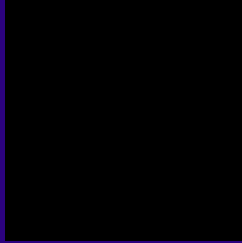
Any Text WCAG AA × Fail

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 2C027F Background



This preview shows how black text looks on a background with the Hex color 2C027F.



This preview shows how white text looks on a background with the Hex color 2C027F.

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
2C027F

Protanopia
002A58

Deuteranopia
002D4B

Trichromacy



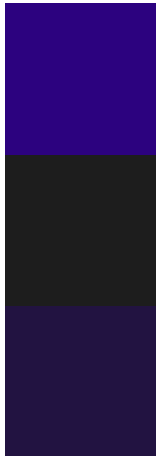
Original Color
2C027F

Protanomaly
101B66

Deuteranomaly
101D5E

Tritanomaly
101F4F

Monochromacy



Original Color
2C027F

Achromatopsia
1D1D1D

Achromatomaly
221341

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C027F 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 #2C027F looks like.

```
.text, #text, p{  
    color:#2C027F  
}
```

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 #2C027F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C027F
}
```

Border

The CSS property to change the border of an element to Hex 2C027F is called "border". The border property can be set on classes, ids or directly on the HTML element.

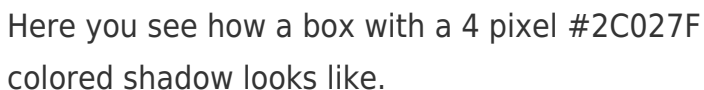
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C027F }
```

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

```
.border{ border-color:#2C027F }
```

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



Here you see how a box with a 4 pixel #2C027F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C027F; -webkit-box-shadow:4px 4px  
4px 4px #2C027F; box-shadow:4px 4px 4px  
4px #2C027F }
```

Background

The CSS property to change the background color of an element to Hex 2C027F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C027F }
```

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

```
.background{ background-color:#2C027F }
```

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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