

Converting Colors

Hex(00029F)

Have a look what the booklet for
Hex(00029F) contains.

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Color

Hex(00029F)

Conversions

Conversions Part 1

Format	Color
Hex	00029F
RGB	0, 2, 159
RGB Percent	0%, 1%, 62%
CMY	1.0000, 0.9922, 0.3765
CMYK	1.00, 0.99, 0.00, 0.38
HSL	239°, 100%, 31%
HSV	239°, 100%, 62%
XYZ	6.2797, 2.5466, 32.9615
YIQ	19.3000, -51.5890, 48.4030

Conversions

Conversions Part 2

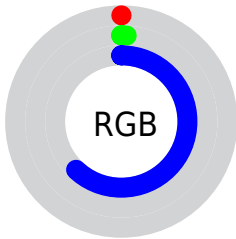
Format	Color
RYB	0, 2, 159
Decimal	671
CIELab	18.13, 55.03, -75.45
CIELCh	18, 93.385, 306.105
Yxy	2.5466, 0.1503, 0.0609
Android (android.graphics.Color)	4278190751 (0xFF00029F)
YUV	19.3000, 68.8721, -16.9261
Hunter-Lab	15.9581, 42.3152, -111.2926

Details

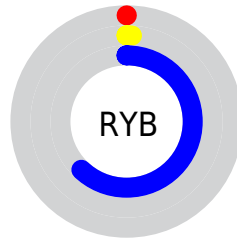
The Hex color **00029F** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **9F9D00**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **5D39D7**, and **00006A** is the 20% darker color. If you saturate the color by 10%, you get **00029F**, and if you desaturate by 10%, it is **10129F**.

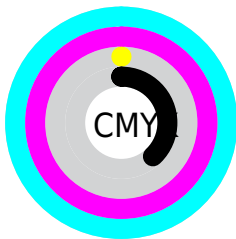
Distribution



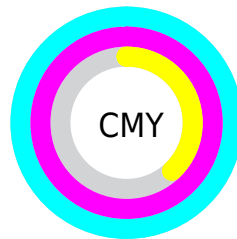
- Red (0%)
- Green (1%)
- Blue (62%)



- Red (0%)
- Yellow (1%)
- Blue (62%)



- Cyan (100%)
- Magenta (99%)
- Yellow (0%)
- Black (38%)




- Cyan (100%)
- Magenta (99%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00029F 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 00029F by changing the saturation by 10% instead.

 00029F

 00029F

 FFF6FF

 000084

 5D39D7

 00006A

 7C52F4

 000750

 9A6CFF

 000538

 B886FF

 000222

 D7A1FF

 000008

 F5BDFF

 000000

 FFD9FF

 00029F

■ 10129F

■ 20219F

■ 30319F

■ 40419F

■ 50509F

■ 5F609F

■ 6F709F

■ 7F809F

■ 8F8F9F

Harmonies

Analogous

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



0038BB



00029F



7E0065

Triad

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



00029F



600400



003F39

Complementary

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



00029F



9F9D00

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.



003E00



00029F



2B2F00

Square

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



00029F



840000



003A00



00437E

Rectangle

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



00029F



910039



003A00



003E22

Sweetspot

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



00029F



9191CF



009F9C



434369



E8E8E8



696969

Same Dimension

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



00029F



0003CF



4D009F



47474F



00028F



00000F

Inverse Universe

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



9F0002



CF0003



529F00



4F4747



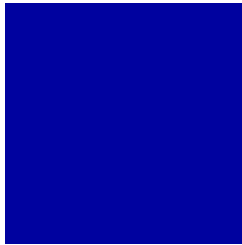
8F0002



0F0000

Previews

White Background



This preview shows how the Hex color 00029F looks on a white background.

Color Contrast Check

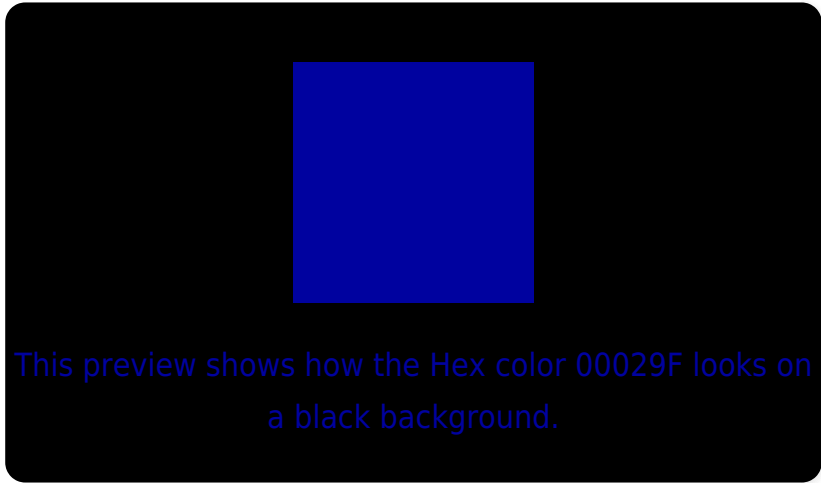
Large Text (above 18pt) WCAG AA ✓ Pass

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

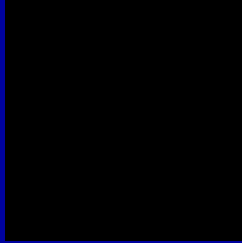
Any Text WCAG AA × Fail

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 00029F Background



This preview shows how black text looks on a background with the Hex color 00029F.



This preview shows how white text looks on a background with the Hex color 00029F.

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
00029F

Protanopia
002E61

Deuteranopia
003252

Trichromacy



Original Color
00029F

Protanomaly
001E78

Deuteranomaly
00216E

Tritanomaly
00225D

Monochromacy



Original Color
00029F

Achromatopsia
131313

Achromatomaly
0C0D46

CSS Examples

Text

The CSS property to change the color of the text to Hex 00029F 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 #00029F looks like.

```
.text, #text, p{  
    color:#00029F  
}
```

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 #00029F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00029F
}
```

Border

The CSS property to change the border of an element to Hex 00029F is called "border". The border property can be set on classes, ids or directly on the HTML element.

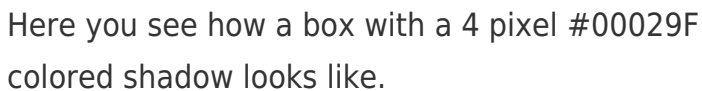
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00029F }
```

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

```
.border{ border-color:#00029F }
```

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



Here you see how a box with a 4 pixel #00029F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00029F; -webkit-box-shadow:4px 4px  
4px 4px #00029F; box-shadow:4px 4px 4px  
4px #00029F }
```

Background

The CSS property to change the background color of an element to Hex 00029F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00029F }
```

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

```
.background{ background-color:#00029F }
```

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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