

# Converting Colors

Hex(FD029B)

Have a look what the booklet for  
Hex(FD029B) contains.

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**Color**

**Hex(FD029B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FD029B
RGB	253, 2, 155
RGB Percent	99%, 1%, 61%
CMY	0.0078, 0.9922, 0.3922
CMYK	0.00, 0.99, 0.39, 0.01
HSL	323°, 98%, 50%
HSV	323°, 99%, 99%
XYZ	46.4461, 23.2926, 33.0583
YIQ	94.4910, 100.4830, 100.7950

# Conversions

## Conversions Part 2

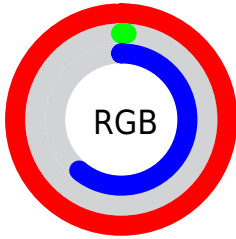
<b>Format</b>	<b>Color</b>
<b>RYB</b>	253, 2, 155
Decimal	16581275
CIELab	55.37, 86.19, -11.37
CIELCh	55, 86.935, 352.488
Yxy	23.2926, 0.4518, 0.2266
Android (android.graphics.Color)	4294771355 (0xFFFD029B)
YUV	94.4910, 29.8309, 139.0124
Hunter-Lab	48.2624, 87.3231, -6.8281

# Details

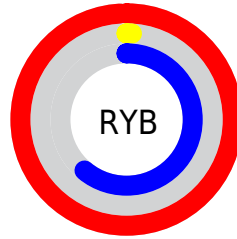
The Hex color **FD029B** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **02FD64**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FF65D1**, and **BE0068** is the 20% darker color. If you saturate the color by 10%, you get **FD009A**, and if you desaturate by 10%, it is **FD1BA5**.

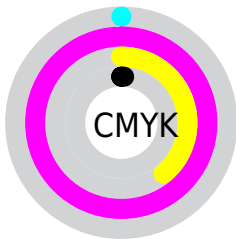
# Distribution



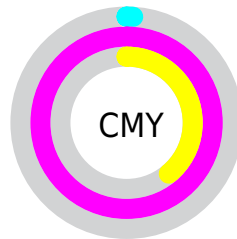
- Red (99%)
- Green (1%)
- Blue (61%)



- Red (99%)
- Yellow (1%)
- Blue (61%)



- Cyan (0%)
- Magenta (99%)
- Yellow (39%)
- Black (1%)



- Cyan (1%)
- Magenta (99%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FD029B 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 FD029B by changing the saturation by 10% instead.



 FD029B

 FD029B

FFFFFF

 DD0081

 FF65D1

 BE0068

 FF85EE

 9F0050

 FFA4FF

 810039

 FFC2FF

 620024

 FFE1FF

 45000C

 250001

 000000

 FD029B

 FD029B

 FD009A

 FD1BA5

 FD35AF

 FD4EB9

 FD67C3

 FD81CC

 FD9AD6

 FDB3E0

 FDCCEA

 FDE6F4

# Harmonies

## Analogous

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



CA4DE2



FD029B



FF1B51

# Triad

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



FD029B



6B9100



00A1FD

# Complementary

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



FD029B



02FD64

# 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.



00A4BD



FD029B



009D16

# Square

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



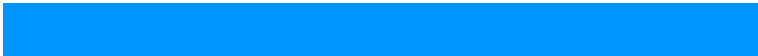
FD029B



B17B00



00A36F



0094FF

# Rectangle

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



FD029B



F2451D



00A36F



00A3EA



# Sweetspot

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



FD029B



FFB3E1



6202FD



80526E



000000



808080



# Same Dimension

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



FD029B



FF009B



FD021F



80737B



BF0075



400027



# Inverse Universe

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



FD029B



FF009B



02FDE0



80737B



BF0075



400027



# Previews

## White Background



This preview shows how the Hex color FD029B looks on a white background.

## Color Contrast Check

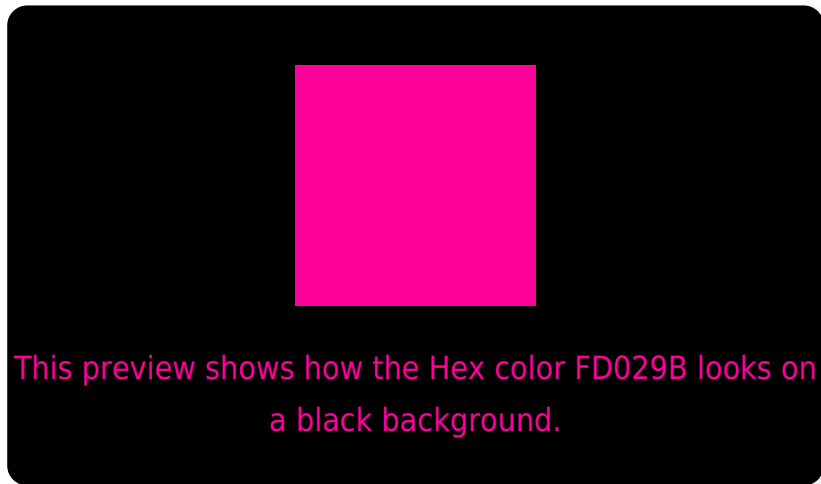
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex FD029B Background



This preview shows how black text looks on a background with the Hex color FD029B.



This preview shows how white text looks on a background with the Hex color FD029B.

# 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





**Tritanopia**  
F83D3F

# Trichromacy



**Original Color**  
FD029B



**Protanomaly**  
9A54C6



**Deuteranomaly**  
B65394



**Tritanomaly**  
FA2860

# Monochromacy



**Original Color**  
FD029B



**Achromatopsia**  
5E5E5E



**Achromatomaly**  
983D74

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FD029B 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 #FD029B looks like.

```
.text, #text, p{  
    color:#FD029B  
}
```

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 #FD029B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD029B
}
```

## Border

The CSS property to change the border of an element to Hex FD029B 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
#FD029B }
```

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

```
.border{ border-color:#FD029B }
```

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

Here you see how a box with a 4 pixel #FD029B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD029B; -webkit-box-shadow:4px 4px  
4px 4px #FD029B; box-shadow:4px 4px 4px  
4px #FD029B }
```

# Background

The CSS property to change the background color of an element to Hex FD029B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD029B }
```

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

```
.background{ background-color:#FD029B }
```

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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