

# Converting Colors

Hex(26009F)

Have a look what the booklet for  
Hex(26009F) contains.

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# Color

**Hex(26009F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	26009F
RGB	38, 0, 159
RGB Percent	15%, 0%, 62%
CMY	0.8510, 1.0000, 0.3765
CMYK	0.76, 1.00, 0.00, 0.38
HSL	254°, 100%, 31%
HSV	254°, 100%, 62%
XYZ	7.0573, 2.9153, 32.9916
YIQ	29.4880, -28.3910, 57.5050

# Conversions

## Conversions Part 2

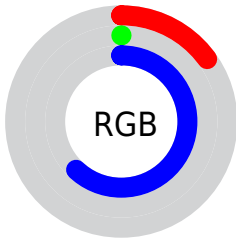
<b>Format</b>	<b>Color</b>
<b>RYB</b>	38, 0, 159
Decimal	2490527
CIELab	19.70, 56.27, -72.78
CIELCh	20, 91.993, 307.710
Yxy	2.9153, 0.1643, 0.0679
Android (android.graphics.Color)	4280680607 (0xFF26009F)
YUV	29.4880, 63.8494, 7.4650
Hunter-Lab	17.0742, 43.9003, -102.6114

# Details

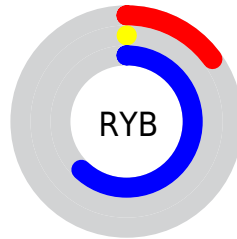
The Hex color **26009F** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **799F00**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **6A3BD7**, and **00006A** is the 20% darker color. If you saturate the color by 10%, you get **26009F**, and if you desaturate by 10%, it is **32109F**.

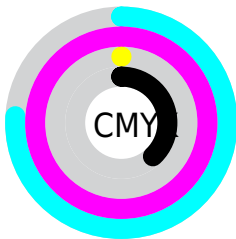
# Distribution



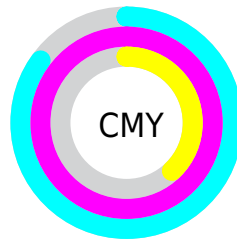
- Red (15%)
- Green (0%)
- Blue (62%)



- Red (15%)
- Yellow (0%)
- Blue (62%)



- Cyan (76%)
- Magenta (100%)
- Yellow (0%)
- Black (38%)



- Cyan (85%)
- Magenta (100%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 26009F 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 26009F by changing the saturation by 10% instead.



 26009F

 26009F


 FFF9FF

 000084

 6A3BD7

 00006A

 8854F4

 000151

 A66EFF

 000538

 C489FF

 000222

 E2A4FF

 000008

 FFC0FF

 000000

 FFDCFF

 26009F

 32109F

 3E209F

 4A309F

 56409F

 63509F

 6F5F9F

 7B6F9F

 877F9F

 938F9F

# Harmonies

## Analogous

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



0039BD



26009F



840065

# Triad

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



26009F



621000



004441

# Complementary

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



26009F



799F00

# 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.



004200



26009F



2C3400

# Square

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



26009F



870000



003E00



004684

# Rectangle

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



26009F



950039



003E00



004329



# Sweetspot

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



26009F



9F91CF



007A9F



4C4369



E8E8E8



696969



# Same Dimension

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



26009F



3100CF



75009F



49474F



22008F



04000F



# Inverse Universe

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



9F0079



CF009D



2A9F00



4F474D



8F006D

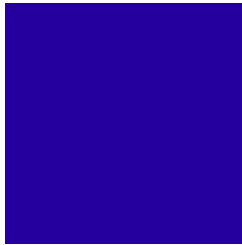


0F000C



# Previews

## White Background



This preview shows how the Hex color 26009F looks on a white background.

## Color Contrast Check

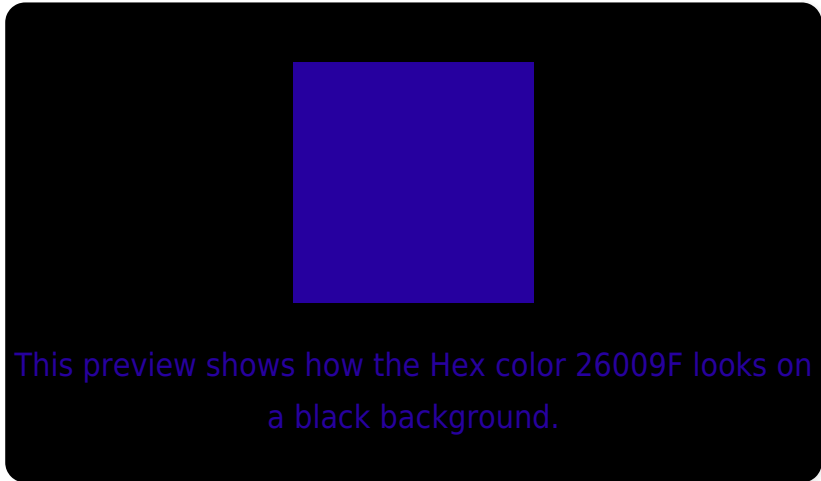
Large Text (above 18pt) WCAG AA ✓ Pass

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

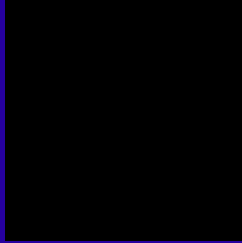
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 26009F Background



This preview shows how black text looks on a background with the Hex color 26009F.



This preview shows how white text looks on a background with the Hex color 26009F.

# 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**  
26009F

**Protanopia**  
003167

**Deuteranopia**  
003557



**Tritanopia**  
00393B

# Trichromacy



**Original Color**  
26009F

**Protanomaly**  
0E1F7B

**Deuteranomaly**  
0E2271

**Tritanomaly**  
0E245F

# Monochromacy



**Original Color**  
26009F

**Achromatopsia**  
1D1D1D

**Achromatomaly**  
20124C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 26009F 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 #26009F looks like.

```
.text, #text, p{  
    color:#26009F  
}
```

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 #26009F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26009F
}
```

## Border

The CSS property to change the border of an element to Hex 26009F 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
#26009F }
```

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

```
.border{ border-color:#26009F }
```

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

Here you see how a box with a 4 pixel #26009F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26009F; -webkit-box-shadow:4px 4px  
4px 4px #26009F; box-shadow:4px 4px 4px  
4px #26009F }
```

# Background

The CSS property to change the background color of an element to Hex 26009F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26009F }
```

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

```
.background{ background-color:#26009F }
```

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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