

Converting Colors

Hex(0009DF)

Have a look what the booklet for
Hex(0009DF) contains.

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Color

Hex(0009DF)

Conversions

Conversions Part 1

Format	Color
Hex	0009DF
RGB	0, 9, 223
RGB Percent	0%, 4%, 87%
CMY	1.0000, 0.9647, 0.1255
CMYK	1.00, 0.96, 0.00, 0.13
HSL	238°, 100%, 44%
HSV	238°, 100%, 87%
XYZ	13.4170, 5.5231, 70.1709
YIQ	30.7050, -74.0580, 64.6460

Conversions

Conversions Part 2

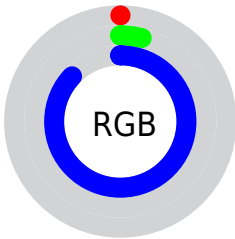
Format	Color
RYB	0, 9, 223
Decimal	2527
CIELab	28.18, 69.93, -96.59
CIELCh	28, 119.245, 305.903
Yxy	5.5231, 0.1506, 0.0620
Android (android.graphics.Color)	4278192607 (0xFF0009DF)
YUV	30.7050, 94.8014, -26.9283
Hunter-Lab	23.5012, 60.7793, -160.5795

Details

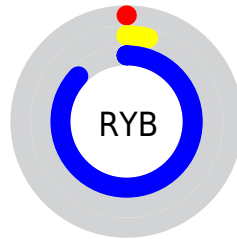
The Hex color **0009DF** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **DFD600**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **7046FF**, and **0000A6** is the 20% darker color. If you saturate the color by 10%, you get **0009DF**, and if you desaturate by 10%, it is **161EDF**.

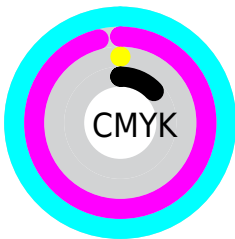
Distribution



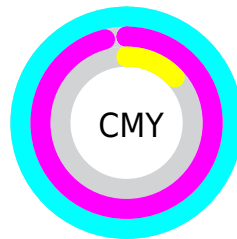
- Red (0%)
- Green (4%)
- Blue (87%)



- Red (0%)
- Yellow (4%)
- Blue (87%)



- Cyan (100%)
- Magenta (96%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (96%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0009DF 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 0009DF by changing the saturation by 10% instead.

 0009DF

 0009DF

FFFFFF

 0000C2

 7046FF

 0000A6

 9261FF

 00008A

 B37BFF

 000670

 D397FF

 000C56

 F4B2FF

 00063E

 FFCFFF

 000327

 FFECFF

 000110

 000000

 0009DF

 161EDF

 2D34DF

 4349DF

 595FDF

 7074DF

 8689DF

 9C9FDF

 B2B4DF

 C9CADF

Harmonies

Analogous

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



0052FF



0009DF



B20090

Triad

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



0009DF



890A00



005C54

Complementary

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



0009DF



DFD600

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.



005900



0009DF



424600

Square

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



0009DF



BB0000



005500



005FB1

Rectangle

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



0009DF



CC0054



005500



005B33

Sweetspot

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



0009DF



B3B6FF



00DFD4



525380



000000



808080

Same Dimension

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



0009DF



000AFF



6400DF



656570



0007B0



000230

Inverse Universe

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



DF0009



FF000A



7BDF00



706565



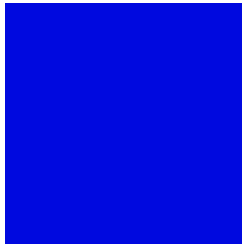
B00007



300002

Previews

White Background



This preview shows how the Hex color 0009DF looks on a white background.

Color Contrast Check

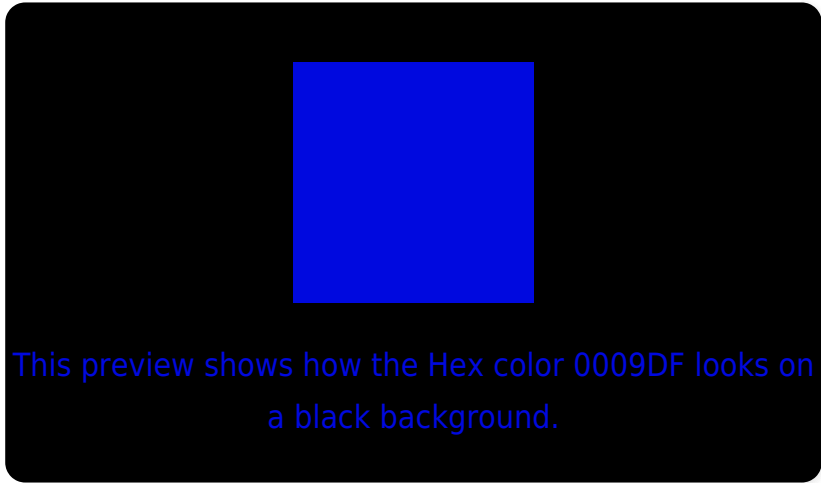
Large Text (above 18pt) WCAG AA ✓ Pass

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

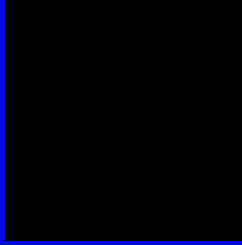
Any Text WCAG AA × Fail

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 0009DF Background



This preview shows how black text looks on a background with the Hex color 0009DF.



This preview shows how white text looks on a background with the Hex color 0009DF.

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
0009DF

Protanopia
004189

Deuteranopia
004674



Tritanopia
004B4F

Trichromacy



Original Color
0009DF

Protanomaly
002DA8

Deuteranomaly
00309B

Tritanomaly
003383

Monochromacy



Original Color
0009DF

Achromatopsia
1F1F1F

Achromatomaly
141765

CSS Examples

Text

The CSS property to change the color of the text to Hex 0009DF 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 #0009DF looks like.

```
.text, #text, p{  
    color:#0009DF  
}
```

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 #0009DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0009DF
}
```

Border

The CSS property to change the border of an element to Hex 0009DF 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
#0009DF }
```

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

```
.border{ border-color:#0009DF }
```

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

Here you see how a box with a 4 pixel #0009DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0009DF; -webkit-box-shadow:4px 4px  
4px 4px #0009DF; box-shadow:4px 4px 4px  
4px #0009DF }
```

Background

The CSS property to change the background color of an element to Hex 0009DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0009DF }
```

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

```
.background{ background-color:#0009DF }
```

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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