

Converting Colors

Hex(4009DF)

Have a look what the booklet for
Hex(4009DF) contains.

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Color

Hex(4009DF)

Conversions

Conversions Part 1

Format	Color
Hex	4009DF
RGB	64, 9, 223
RGB Percent	25%, 4%, 87%
CMY	0.7490, 0.9647, 0.1255
CMYK	0.71, 0.96, 0.00, 0.13
HSL	255°, 92%, 45%
HSV	255°, 96%, 87%
XYZ	15.5313, 6.6131, 70.2699
YIQ	49.8410, -35.9140, 78.2140

Conversions

Conversions Part 2

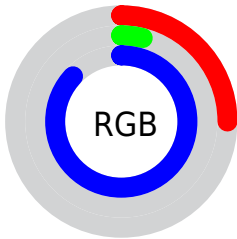
Format	Color
RYB	64, 9, 223
Decimal	4196831
CIELab	30.91, 71.16, -91.96
CIELCh	31, 116.275, 307.734
Yxy	6.6131, 0.1681, 0.0716
Android (android.graphics.Color)	4282386911 (0xFF4009DF)
YUV	49.8410, 85.3674, 12.4174
Hunter-Lab	25.7159, 62.8037, -144.0115

Details

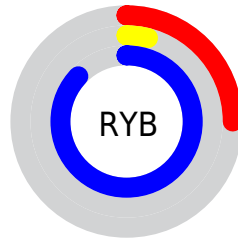
The Hex color **4009DF** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **A8DF09**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **884AFF**, and **0000A6** is the 20% darker color. If you saturate the color by 10%, you get **3900DF**, and if you desaturate by 10%, it is **511FDF**.

Distribution



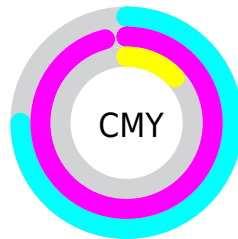
- Red (25%)
- Green (4%)
- Blue (87%)



- Red (25%)
- Yellow (4%)
- Blue (87%)



- Cyan (71%)
- Magenta (96%)
- Yellow (0%)
- Black (13%)



- Cyan (75%)
- Magenta (96%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4009DF 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 4009DF by changing the saturation by 10% instead.

 4009DF

 4009DF

FFFFFF

 0000C2

 884AFF

 0000A6

 A865FF

 00008B

 C880FF

 000070

 E89CFF

 000C56

 FFB8FF

 00063E

 FFD5FF

 000327

 FFF2FF

 000111

 000000

■ 4009DF

■ 4009DF

■ 3900DF

■ 511FDF

■ 6136DF

■ 724CDF

■ 8262DF

■ 9378DF

■ A38FDF

■ B4A5DF

■ C5BBDF

■ D5D2DF

Harmonies

Analogous

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



0055FF



4009DF



BB0090

Triad

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



4009DF



8D1F00



006360

Complementary

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



4009DF



A8DF09

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.



006100



4009DF



444E00

Square

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



4009DF



C00000



005C00



0066BA

Rectangle

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



4009DF



D30055



005C00



006240

Sweetspot

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



4009DF



C8B5FF



09AADF



5E5380



000000



808080

Same Dimension

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



4009DF



4200FF



AA09DF



686570



2D00B0



0C0030

Inverse Universe

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



DF09A8



FF00BD



3EDF09



70656D



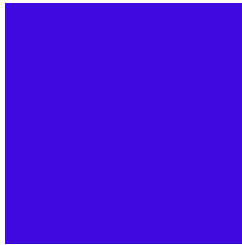
B00083



300024

Previews

White Background



This preview shows how the Hex color 4009DF looks on a white background.

Color Contrast Check

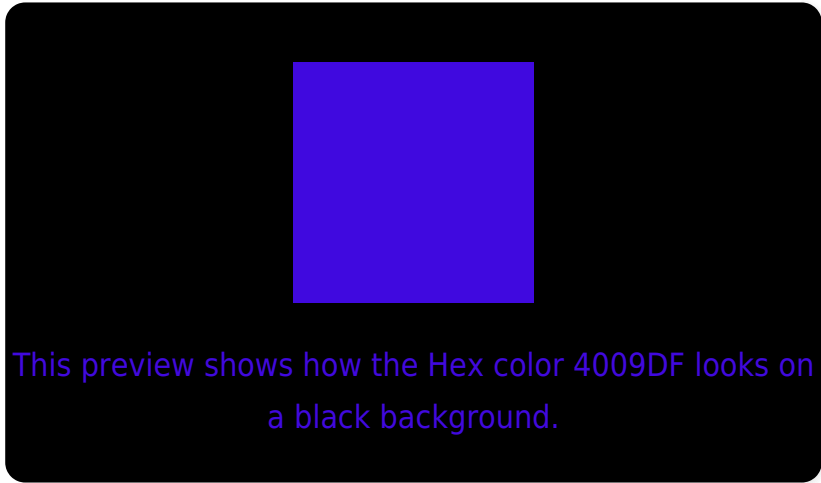
Large Text (above 18pt) WCAG AA ✓ Pass

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

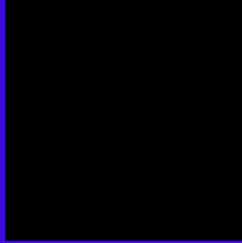
Any Text WCAG AA × Fail

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 4009DF Background



This preview shows how black text looks on a background with the Hex color 4009DF.



This preview shows how white text looks on a background with the Hex color 4009DF.

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
4009DF

Protanopia
004795

Deuteranopia
004C7E

Trichromacy



Original Color
4009DF

Protanomaly
1730B0

Deuteranomaly
1734A1

Tritanomaly
173788

Monochromacy



Original Color
4009DF

Achromatopsia
323232

Achromatomaly
372371

CSS Examples

Text

The CSS property to change the color of the text to Hex 4009DF 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 #4009DF looks like.

```
.text, #text, p{  
    color:#4009DF  
}
```

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 #4009DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4009DF
}
```

Border

The CSS property to change the border of an element to Hex 4009DF 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
#4009DF }
```

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

```
.border{ border-color:#4009DF }
```

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

Here you see how a box with a 4 pixel #4009DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4009DF; -webkit-box-shadow:4px 4px  
4px 4px #4009DF; box-shadow:4px 4px 4px  
4px #4009DF }
```

Background

The CSS property to change the background color of an element to Hex 4009DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4009DF }
```

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

```
.background{ background-color:#4009DF }
```

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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