

# Converting Colors

Hex(C009FF)

Have a look what the booklet for  
Hex(C009FF) contains.

<b>Hex(C009FF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(C009FF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C009FF
RGB	192, 9, 255
RGB Percent	75%, 4%, 100%
CMY	0.2471, 0.9647, 0.0000
CMYK	0.25, 0.96, 0.00, 0.00
HSL	285°, 100%, 52%
HSV	285°, 96%, 100%
XYZ	39.8859, 18.6218, 96.0999
YIQ	91.7610, 30.1020, 115.3020

# Conversions

## Conversions Part 2

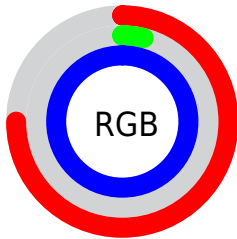
<b>Format</b>	<b>Color</b>
<b>RYB</b>	192, 9, 255
Decimal	12585471
CIELab	50.24, 88.81, -77.64
CIElCh	50, 117.962, 318.842
Yxy	18.6218, 0.2580, 0.1204
Android (android.graphics.Color)	4290775551 (0xFFC009FF)
YUV	91.7610, 80.4768, 87.9096
Hunter-Lab	43.1530, 89.4680, -101.8291

# Details

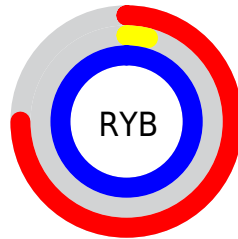
The Hex color **C009FF** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light saturated magenta. A complement of this color would be **48FF09**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **FE60FF**, and **8300C5** is the 20% darker color. If you saturate the color by 10%, you get **BE00FF**, and if you desaturate by 10%, it is **C722FF**.

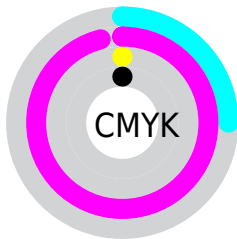
# Distribution



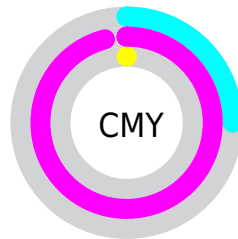
- Red (75%)
- Green (4%)
- Blue (100%)



- Red (75%)
- Yellow (4%)
- Blue (100%)



- Cyan (25%)
- Magenta (96%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (96%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C009FF 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 C009FF by changing the saturation by 10% instead.



 C009FF

 C009FF

FFFFFF

 A200E2

 FE60FF

 8300C5

 FF7FFF

 6500A9

 FF9DFF

 45008D

 FFBBFF

 250073

 FFD9FF

 000059

 FFF8FF

 000440

 000329

 000113

 C009FF

 C009FF

 BE00FF

 C722FF

 CD3CFF

 D456FF

 DA6FFF

 E189FF

 E7A2FF

 EEBCFF

 F4D5FF

 FBEFFF

# Harmonies

## Analogous

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



0071FF



C009FF



FF00A2

# Triad

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



C009FF



B06600



009CB7

# Complementary

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



C009FF



48FF09

# 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.



00994D



C009FF



538600

# Square

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



C009FF



F30000



009300



009CFF

# Rectangle

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



C009FF



FF0060



009300



009B94



# Sweetspot

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



C009FF



ECB5FF



094BFF



745380



000000



808080



# Same Dimension

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



C009FF



BE00FF



FF09C6



7C7380



8E00BF



2F0040



# Inverse Universe

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



FF0948



FF0041



09FF42



807376



BF0031



400010



# Previews

## White Background



This preview shows how the Hex color C009FF looks on a white background.

## Color Contrast Check

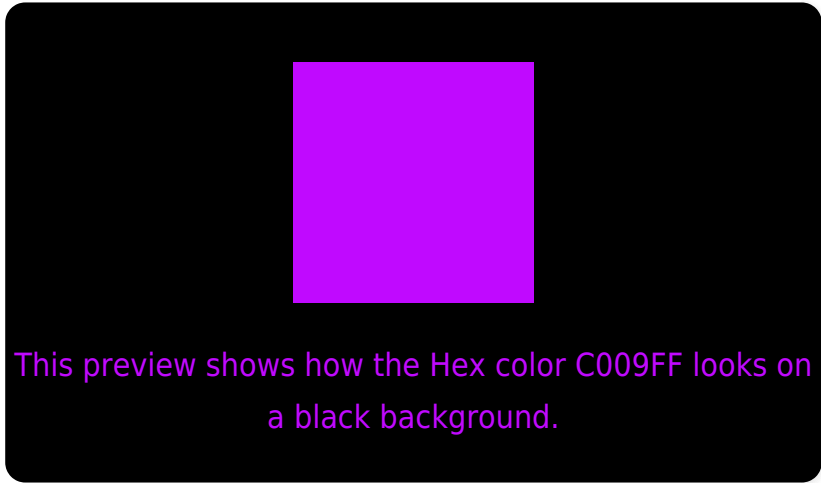
Large Text (above 18pt) WCAG AA ✓ Pass

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

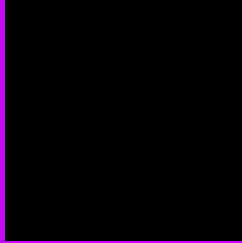
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C009FF Background



This preview shows how black text looks on a background with the Hex color C009FF.



This preview shows how white text looks on a background with the Hex color C009FF.

# 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**  
C009FF

**Protanopia**  
0074F5

**Deuteranopia**  
007BD5



**Tritanopia**  
A9646B

# Trichromacy



**Original Color**  
C009FF



**Protanomaly**  
464DF9



**Deuteranomaly**  
4652E4



**Tritanomaly**  
B143A1

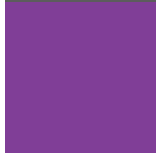
# Monochromacy



**Original Color**  
C009FF



**Achromatopsia**  
5C5C5C



**Achromatomaly**  
803E97

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C009FF 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 #C009FF looks like.

```
.text, #text, p{  
    color:#C009FF  
}
```

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 #C009FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C009FF
}
```

## Border

The CSS property to change the border of an element to Hex C009FF 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
#C009FF }
```

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

```
.border{ border-color:#C009FF }
```

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

Here you see how a box with a 4 pixel #C009FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C009FF; -webkit-box-shadow:4px 4px  
4px 4px #C009FF; box-shadow:4px 4px 4px  
4px #C009FF }
```

# Background

The CSS property to change the background color of an element to Hex C009FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C009FF }
```

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

```
.background{ background-color:#C009FF }
```

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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