

# Converting Colors

Hex(4000C9)

Have a look what the booklet for  
Hex(4000C9) contains.

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# Color

Hex(4000C9)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4000C9
RGB	64, 0, 201
RGB Percent	25%, 0%, 79%
CMY	0.7490, 1.0000, 0.2118
CMYK	0.68, 1.00, 0.00, 0.21
HSL	259°, 100%, 39%
HSV	259°, 100%, 79%
XYZ	12.6570, 5.3070, 55.6156
YIQ	42.0500, -26.3770, 76.0790

# Conversions

## Conversions Part 2

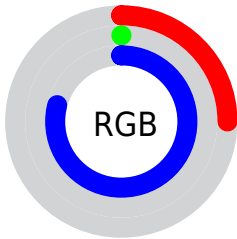
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 0, 201
Decimal	4194505
CIELab	27.59, 67.43, -84.71
CIELCh	28, 108.275, 308.520
Yxy	5.3070, 0.1720, 0.0721
Android (android.graphics.Color)	4282384585 (0xFF4000C9)
YUV	42.0500, 78.3623, 19.2502
Hunter-Lab	23.0370, 57.7565, -127.0112

# Details

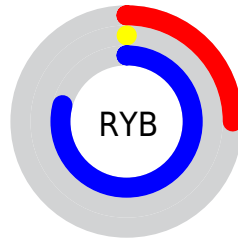
The Hex color **4000C9** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **89C900**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **8444FF**, and **000091** is the 20% darker color. If you saturate the color by 10%, you get **4000C9**, and if you desaturate by 10%, it is **4E14C9**.

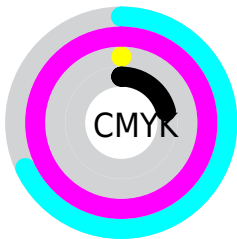
# Distribution



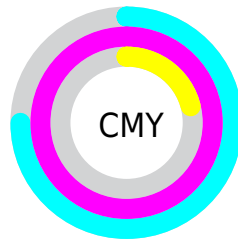
- Red (25%)
- Green (0%)
- Blue (79%)



- Red (25%)
- Yellow (0%)
- Blue (79%)



- Cyan (68%)
- Magenta (100%)
- Yellow (0%)
- Black (21%)



- Cyan (75%)
- Magenta (100%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4000C9 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 4000C9 by changing the saturation by 10% instead.



 4000C9

 4000C9

FFFFFF

 0400AD

 8444FF

 000091

 A35FFF

 000077

 C27AFF

 00035D

 E195FF

 000744

 FFB1FF

 00032D

 FFCDFD

 000117

 FFEAFF

 000000

 4000C9

 4E14C9

 5B28C9

 693CC9

 7750C9

 8465C9

 9279C9

 A08DC9

 AEA1C9

 BBB5C9

# Harmonies

## Analogous

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



004BEF



4000C9



AB0080

# Triad

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



4000C9



7E1E00



005958

# Complementary

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



4000C9



89C900

# 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.



005700



4000C9



3B4700

# Square

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



4000C9



AD0000



005300



005CAB

# Rectangle

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



4000C9



C0004A



005300



00593B



# Sweetspot

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



4000C9



CBB3FF



0089C9



605280



000000



808080



# Same Dimension

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



4000C9



5100FF



A400C9



5D5A63



3400A3



0B0024



# Inverse Universe

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



C90089



FF00AE



25C900



635A60



A3006F

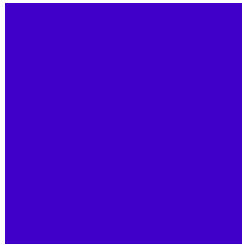


240018



# Previews

## White Background



This preview shows how the Hex color 4000C9 looks on a white background.

## Color Contrast Check

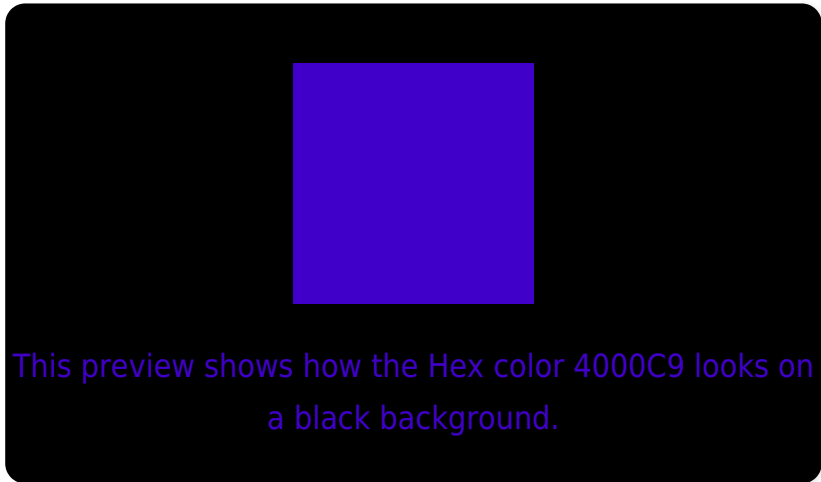
Large Text (above 18pt) WCAG AA ✓ Pass

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

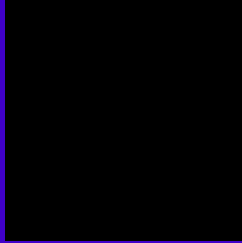
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4000C9 Background



This preview shows how black text looks on a background with the Hex color 4000C9.

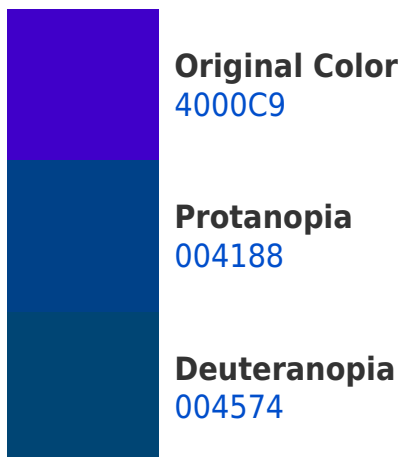


This preview shows how white text looks on a background with the Hex color 4000C9.

# 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**  
004B4F

# Trichromacy



**Original Color**  
4000C9

**Protanomaly**  
1729A0

**Deuteranomaly**  
172C93

**Tritanomaly**  
17307B

# Monochromacy



**Original Color**  
4000C9

**Achromatopsia**  
2A2A2A

**Achromatomaly**  
321B64

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4000C9 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 #4000C9 looks like.

```
.text, #text, p{  
    color:#4000C9  
}
```

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 #4000C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4000C9
}
```

## Border

The CSS property to change the border of an element to Hex 4000C9 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".

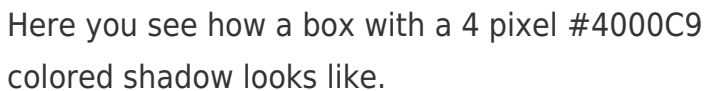
```
.border, #border, table{ border:4px solid
#4000C9 }
```

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

```
.border{ border-color:#4000C9 }
```

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

Here you see how a box with a 4 pixel #4000C9 colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4000C9; -webkit-box-shadow:4px 4px  
4px 4px #4000C9; box-shadow:4px 4px 4px  
4px #4000C9 }
```

# Background

The CSS property to change the background color of an element to Hex 4000C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4000C9 }
```

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

```
.background{ background-color:#4000C9 }
```

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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