

Converting Colors

Hex(0049CC)

Have a look what the booklet for
Hex(0049CC) contains.

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Color

Hex(0049CC)

Conversions

Conversions Part 1

Format	Color
Hex	0049CC
RGB	0, 73, 204
RGB Percent	0%, 29%, 80%
CMY	1.0000, 0.7137, 0.2000
CMYK	1.00, 0.64, 0.00, 0.20
HSL	219°, 100%, 40%
HSV	219°, 100%, 80%
XYZ	13.2816, 9.1247, 58.1880
YIQ	66.1070, -85.5590, 25.2650

Conversions

Conversions Part 2

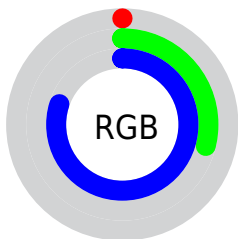
Format	Color
RYB	0, 54, 204
Decimal	18892
CIELab	36.22, 34.36, -72.26
CIELCh	36, 80.015, 295.432
Yxy	9.1247, 0.1648, 0.1132
Android (android.graphics.Color)	4278208972 (0xFF0049CC)
YUV	66.1070, 67.9812, -57.9758
Hunter-Lab	30.2072, 25.6212, -93.0652

Details

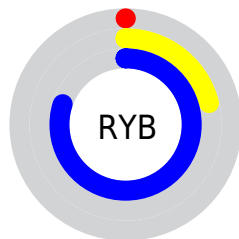
The Hex color **0049CC** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **CC8300**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **6579FF**, and **001F94** is the 20% darker color. If you saturate the color by 10%, you get **0049CC**, and if you desaturate by 10%, it is **1456CC**.

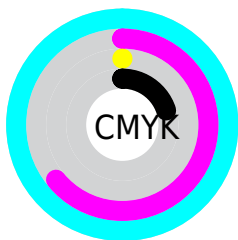
Distribution



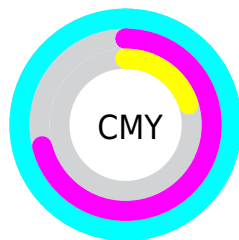
- Red (0%)
- Green (29%)
- Blue (80%)



- Red (0%)
- Yellow (21%)
- Blue (80%)



- Cyan (100%)
- Magenta (64%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (71%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0049CC 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 0049CC by changing the saturation by 10% instead.

 0049CC

 0049CC

FFFFFF

 0033B0

 6579FF

 001F94

 8593FF

 000E7A

 A4ADFF

 000160

 C3C9FF

 000847

 E2E5FF

 000430

 00011A

 000000

 0049CC

 1456CC

 2963CC

 3D70CC

 527DCC

 668BCC

 7A98CC

 8FA5CC

 A3B2CC

 B8BFCC

Harmonies

Analogous

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



0062D8



0049CC



940CA0

Triad

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



0049CC



9F2C00



006D49

Complementary

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



0049CC



CC8300

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.



006900



0049CC



715000

Square

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



0049CC



BB0024



316100



006E8B

Rectangle

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



0049CC



B30077



316100



006C32

Sweetspot

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



0049CC



B3CEFF



00CC81



526280



000000



808080

Same Dimension

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



0049CC



005BFF



1B00CC



5C5F66



003BA6



000E26

Inverse Universe

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



CC0049



FF005B



B1CC00



665C5F



A6003B



26000E

Previews

White Background



This preview shows how the Hex color 0049CC looks on a white background.

Color Contrast Check

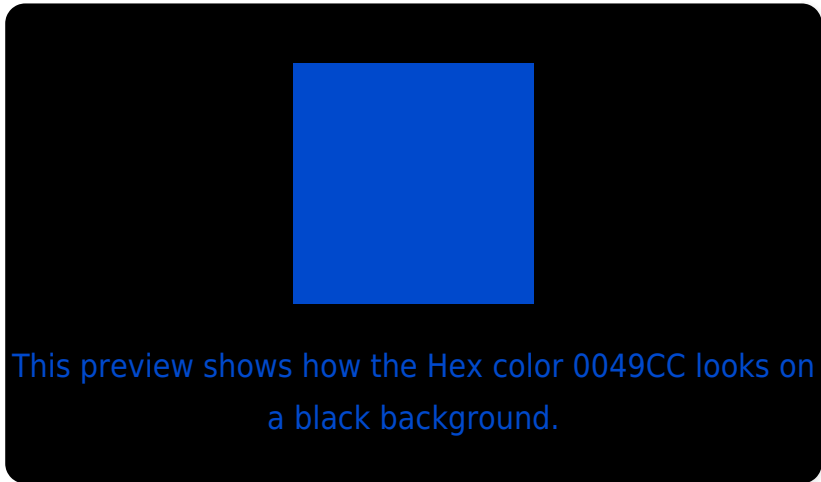
Large Text (above 18pt) WCAG AA ✓ Pass

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

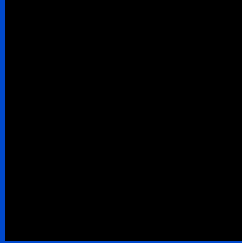
Any Text WCAG AA × Fail

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 0049CC Background



This preview shows how black text looks on a background with the Hex color 0049CC.



This preview shows how white text looks on a background with the Hex color 0049CC.

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
0049CC

Protanopia
0052AD

Deuteranopia
005794



Tritanopia
005F64

Trichromacy



Original Color
0049CC

Protanomaly
004FB8

Deuteranomaly
0052A8

Tritanomaly
00578A

Monochromacy



Original Color
0049CC

Achromatopsia
424242

Achromatomaly
2A4574

CSS Examples

Text

The CSS property to change the color of the text to Hex 0049CC 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 #0049CC looks like.

```
.text, #text, p{  
    color:#0049CC  
}
```

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 #0049CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0049CC
}
```

Border

The CSS property to change the border of an element to Hex 0049CC 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
#0049CC }
```

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

```
.border{ border-color:#0049CC }
```

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

Here you see how a box with a 4 pixel #0049CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0049CC; -webkit-box-shadow:4px 4px  
4px 4px #0049CC; box-shadow:4px 4px 4px  
4px #0049CC }
```

Background

The CSS property to change the background color of an element to Hex 0049CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0049CC }
```

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

```
.background{ background-color:#0049CC }
```

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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