

Converting Colors

Hex(0051C9)

Have a look what the booklet for
Hex(0051C9) contains.

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Color

Hex(0051C9)

Conversions

Conversions Part 1

Format	Color
Hex	0051C9
RGB	0, 81, 201
RGB Percent	0%, 32%, 79%
CMY	1.0000, 0.6824, 0.2118
CMYK	1.00, 0.60, 0.00, 0.21
HSL	216°, 100%, 39%
HSV	216°, 100%, 79%
XYZ	13.4850, 10.1019, 56.4975
YIQ	70.4610, -86.7960, 20.1480

Conversions

Conversions Part 2

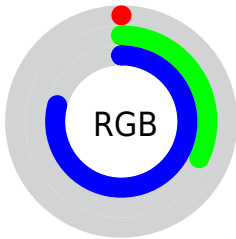
Format	Color
RYB	0, 58, 201
Decimal	20937
CIELab	38.02, 27.92, -67.57
CIELCh	38, 73.107, 292.448
Yxy	10.1019, 0.1684, 0.1261
Android (android.graphics.Color)	4278211017 (0xFF0051C9)
YUV	70.4610, 64.3557, -61.7943
Hunter-Lab	31.7835, 20.1125, -83.1438

Details

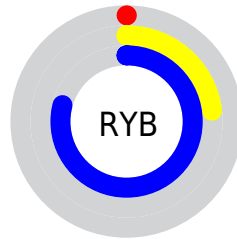
The Hex color **0051C9** is a dark color, and the websafe version is hex **003399**. The color can be described as dark washed blue. A complement of this color would be **C97800**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **6382FF**, and **002692** is the 20% darker color. If you saturate the color by 10%, you get **0051C9**, and if you desaturate by 10%, it is **145DC9**.

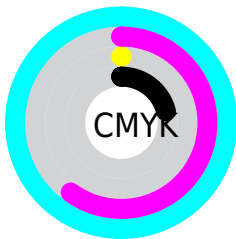
Distribution



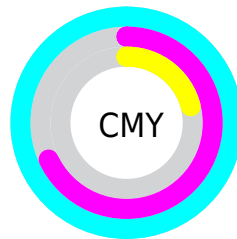
- Red (0%)
- Green (32%)
- Blue (79%)



- Red (0%)
- Yellow (23%)
- Blue (79%)



- Cyan (100%)
- Magenta (60%)
- Yellow (0%)
- Black (21%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 0051C9 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 0051C9 by changing the saturation by 10% instead.

 0051C9

 0051C9

FFFFFF

 003BAD

 6382FF

 002692

 839BFF

 001477

 A2B6FF

 00005E

 C1D2FF

 000845

 E0EEFF

 00032E

FEFFFF

 000118

 000000

 0051C9

■ 145DC9

■ 2869C9

■ 3C75C9

■ 5081C9

■ 658DC9

■ 7999C9

■ 8DA5C9

■ A1B1C9

■ B5BDC9

Harmonies

Analogous

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



0066D1



0051C9



8F2AA3

Triad

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



0051C9



A33200



007048

Complementary

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



0051C9



C97800

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.



006C00



0051C9



7A5200

Square

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



0051C9



BB0031



436300



007186

Rectangle

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



0051C9



AE007F



436300



006F33

Sweetspot

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



0051C9



B3D1FF



00C975



526480



000000



808080

Same Dimension

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



0051C9



0067FF



1100C9



5A5E63



0042A3



000E24

Inverse Universe

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



C90051



FF0067



B8C900



635A5E



A30042



24000E

Previews

White Background



This preview shows how the Hex color 0051C9 looks on a white background.

Color Contrast Check

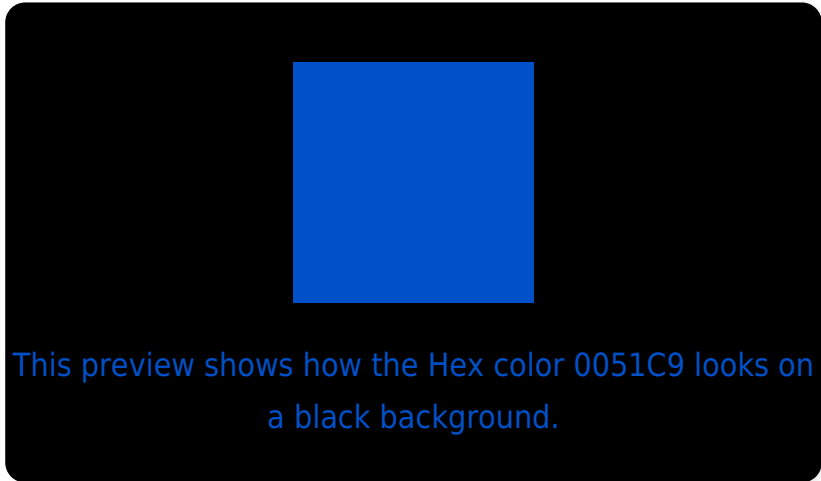
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

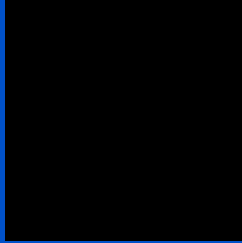
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 0051C9 Background



This preview shows how black text looks on a background with the Hex color 0051C9.



This preview shows how white text looks on a background with the Hex color 0051C9.

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
0051C9

Protanopia
0056B6

Deuteranopia
005C9C

Trichromacy



Original Color
0051C9

Protanomaly
0054BD

Deuteranomaly
0058AC

Monochromacy



Original Color
0051C9

Achromatopsia
464646

Achromatomaly
2D4A76

CSS Examples

Text

The CSS property to change the color of the text to Hex 0051C9 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 #0051C9 looks like.

```
.text, #text, p{  
    color:#0051C9  
}
```

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 #0051C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0051C9
}
```

Border

The CSS property to change the border of an element to Hex 0051C9 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
#0051C9 }
```

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

```
.border{ border-color:#0051C9 }
```

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

Here you see how a box with a 4 pixel #0051C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0051C9; -webkit-box-shadow:4px 4px  
4px 4px #0051C9; box-shadow:4px 4px 4px  
4px #0051C9 }
```

Background

The CSS property to change the background color of an element to Hex 0051C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0051C9 }
```

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

```
.background{ background-color:#0051C9 }
```

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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