

Converting Colors

Hex(0059CB)

Have a look what the booklet for
Hex(0059CB) contains.

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Color

Hex(0059CB)

Conversions

Conversions Part 1

Format	Color
Hex	0059CB
RGB	0, 89, 203
RGB Percent	0%, 35%, 80%
CMY	1.0000, 0.6510, 0.2039
CMYK	1.00, 0.56, 0.00, 0.20
HSL	214°, 100%, 40%
HSV	214°, 100%, 80%
XYZ	14.3519, 11.4566, 57.9548
YIQ	75.3850, -89.6380, 16.5860

Conversions

Conversions Part 2

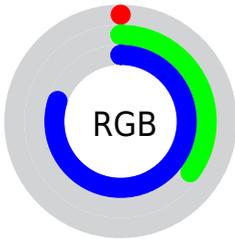
Format	Color
R_{YB}	0, 62, 203
Decimal	22987
CIE _{Lab}	40.34, 23.41, -64.95
CIE _{LCh}	40, 69.038, 289.823
Yxy	11.4566, 0.1713, 0.1368
Android (android.graphics.Color)	4278213067 (0xFF0059CB)
YUV	75.3850, 62.9142, -66.1126
Hunter-Lab	33.8475, 16.4535, -77.8250

Details

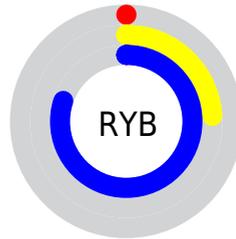
The Hex color **0059CB** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **CB7200**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **638AFF**, and **002D94** is the 20% darker color. If you saturate the color by 10%, you get **0059CB**, and if you desaturate by 10%, it is **1464CB**.

Distribution



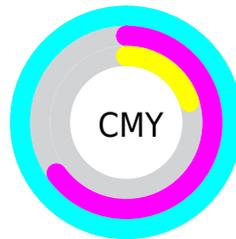
- Red (0%)
- Green (35%)
- Blue (80%)



- Red (0%)
- Yellow (24%)
- Blue (80%)



- Cyan (100%)
- Magenta (56%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (65%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0059CB 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 0059CB by changing the saturation by 10% instead.

 0059CB

 0059CB

FFFFFF

 0042AF

 638AFF

 002D94

 83A4FF

 001A79

 A2BFFF

 000060

 C1DBFF

 000847

 E0F7FF

 000430

FEFFFF

 00011A

 000000

 0059CB

 1464CB

 2970CB

 3D7BCB

 5187CB

 6692CB

 7A9DCB

 8EA9CB

 A2B4CB

 B7C0CB

Harmonies

Analogous

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



006CD0



0059CB



8D39A9

Triad

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



0059CB



AA3900



007549

Complementary

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



0059CB



CB7200

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.



007102



0059CB



845600

Square

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



0059CB



BE083D



516800



007784

Rectangle

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



0059CB



AE1A87



516800



007435

Sweetspot

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



0059CB



B3D4FF



00CB70



526680



000000



808080

Same Dimension

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



0059CB



0070FF



0A00CB



5C6066



0049A6



001126

Inverse Universe

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



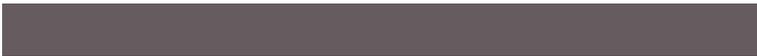
CB0059



FF0070



C1CB00



665C60



A60049



260011

Previews

White Background



This preview shows how the Hex color 0059CB looks on a white background.

Color Contrast Check

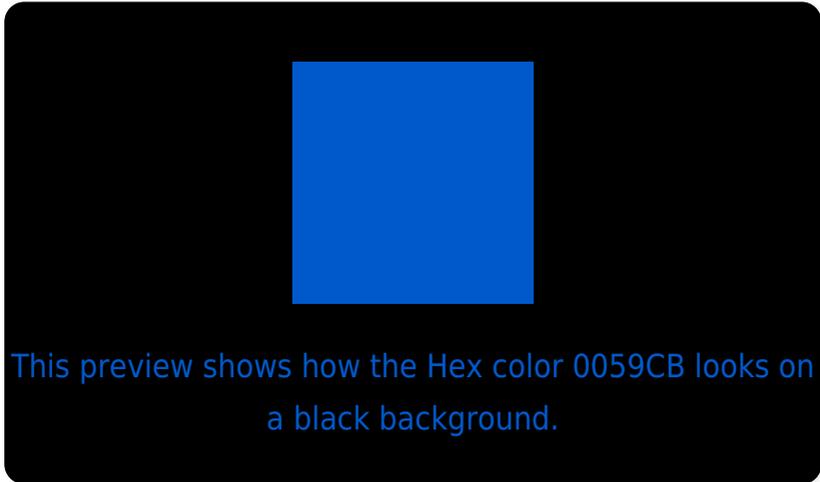
Large Text (above 18pt) WCAG AA ✓ Pass

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

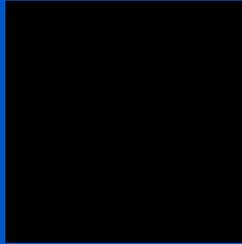
Any Text WCAG AA × Fail

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 0059CB Background



This preview shows how black text looks on a background with the Hex color 0059CB.



This preview shows how white text looks on a background with the Hex color 0059CB.

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
0059CB

Protanopia
005BC2

Deuteranopia
0061A7



Trichromacy



Original Color
0059CB

Protanomaly
005AC5

Deuteranomaly
005EB4

Tritanomaly
006391

Monochromacy



Original Color
0059CB

Achromatopsia
4B4B4B

Achromatomaly
30507A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0059CB 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 #0059CB looks like.

```
.text, #text, p{  
    color:#0059CB  
}
```

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 #0059CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0059CB  
}
```

Border

The CSS property to change the border of an element to Hex 0059CB 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  
#0059CB }
```

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

```
.border{ border-color:#0059CB }
```

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

Here you see how a box with a 4 pixel #0059CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0059CB; -webkit-box-shadow:4px 4px  
4px 4px #0059CB; box-shadow:4px 4px 4px  
4px #0059CB }
```

Background

The CSS property to change the background color of an element to Hex 0059CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0059CB }
```

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

```
.background{ background-color:#0059CB }
```

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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