

Converting Colors

Hex(0059CD)

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

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Color

Hex(0059CD)

Conversions

Conversions Part 1

Format	Color
Hex	0059CD
RGB	0, 89, 205
RGB Percent	0%, 35%, 80%
CMY	1.0000, 0.6510, 0.1961
CMYK	1.00, 0.57, 0.00, 0.20
HSL	214°, 100%, 40%
HSV	214°, 100%, 80%
XYZ	14.5918, 11.5525, 59.2184
YIQ	75.6130, -90.2800, 17.2080

Conversions

Conversions Part 2

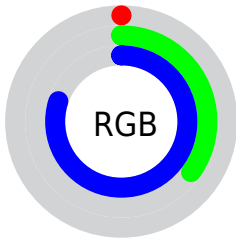
Format	Color
R _{YB}	0, 62, 205
Decimal	22989
CIE _{Lab}	40.50, 24.21, -65.85
CIE _{LCh}	40, 70.157, 290.188
Yxy	11.5525, 0.1709, 0.1353
Android (android.graphics.Color)	4278213069 (0xFF0059CD)
YUV	75.6130, 63.7878, -66.3126
Hunter-Lab	33.9890, 17.1510, -79.5075

Details

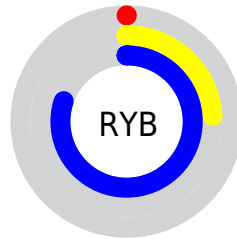
The Hex color **0059CD** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **CD7400**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **648AFF**, and **002D96** is the 20% darker color. If you saturate the color by 10%, you get **0059CD**, and if you desaturate by 10%, it is **1465CD**.

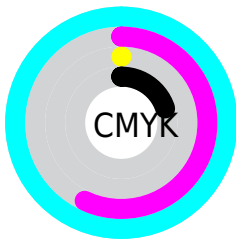
Distribution



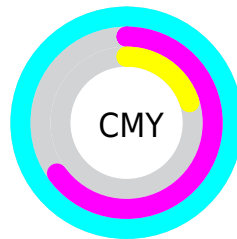
- Red (0%)
- Green (35%)
- Blue (80%)



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



- Cyan (100%)
- Magenta (57%)
- Yellow (0%)
- Black (20%)



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

Brightness & Saturation Gradients

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

 0059CD

 0059CD

FFFFFF

 0042B1

 648AFF

 002D96

 84A4FF

 001B7B

 A3BFFF

 000062

 C2DBFF

 000949

 E0F7FF

 000431

 00011B

 000000

 0059CD

 1465CD

 2970CD

 3E7CCD

 5287CD

 6793CD

 7B9FCD

 90AACD

 A4B6CD

 B9C1CD

Harmonies

Analogous

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



006CD2



0059CD



8F38AA

Triad

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



0059CD



AB3900



00764A

Complementary

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



0059CD



CD7400

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.



007200



0059CD



855600

Square

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



0059CD



C0033C



506800



007786

Rectangle

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



0059CD



B01688



506800



007535

Sweetspot

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



0059CD



B3D4FF



00CD71



526680



000000



808080

Same Dimension

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



0059CD



006FFF



0A00CD



5C6066



0048A6



001126

Inverse Universe

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



CD0059



FF006F



C3CD00



665C60



A60048



260011

Previews

White Background



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

Color Contrast Check

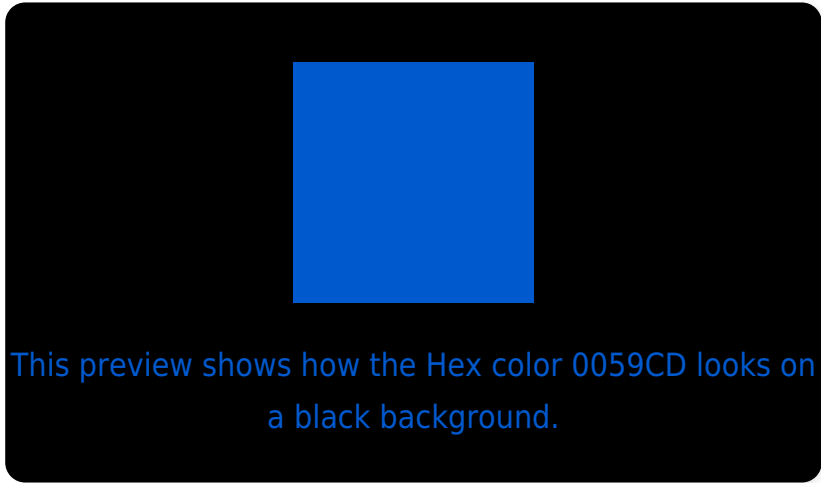
Large Text (above 18pt) WCAG AA ✓ Pass

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

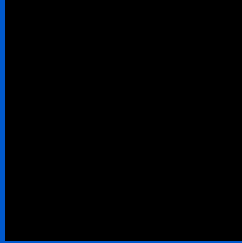
Any Text WCAG AA × Fail

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 0059CD Background



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



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

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
0059CD

Protanopia
005CC3

Deuteranopia
0062A7



Tritanopia
006A70

Trichromacy



Original Color
0059CD

Protanomaly
005BC7

Deuteranomaly
005FB5

Tritanomaly
006492

Monochromacy



Original Color
0059CD

Achromatopsia
4C4C4C

Achromatomaly
30517B

CSS Examples

Text

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

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

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 #0059CD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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