

# Converting Colors

Hex(0059CC)

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

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# Color

Hex(0059CC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0059CC
RGB	0, 89, 204
RGB Percent	0%, 35%, 80%
CMY	1.0000, 0.6510, 0.2000
CMYK	1.00, 0.56, 0.00, 0.20
HSL	214°, 100%, 40%
HSV	214°, 100%, 80%
XYZ	14.4715, 11.5044, 58.5846
YIQ	75.4990, -89.9590, 16.8970

# Conversions

## Conversions Part 2

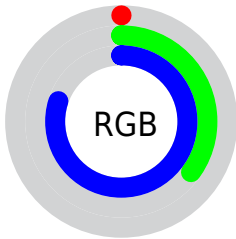
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	0, 62, 204
Decimal	22988
CIE Lab	40.42, 23.81, -65.40
CIE LCh	40, 69.598, 290.007
Yxy	11.5044, 0.1711, 0.1360
Android (android.graphics.Color)	4278213068 (0xFF0059CC)
YUV	75.4990, 63.3510, -66.2126
Hunter-Lab	33.9181, 16.8019, -78.6651

# Details

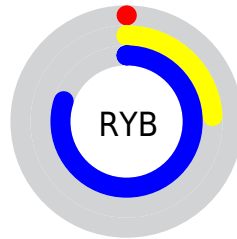
The Hex color **0059CC** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **CC7300**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **648AFF**, and **002D95** is the 20% darker color. If you saturate the color by 10%, you get **0059CC**, and if you desaturate by 10%, it is **1465CC**.

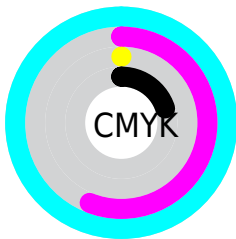
# Distribution



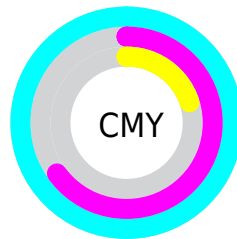
- Red (0%)
- Green (35%)
- Blue (80%)



- 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 0059CC 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 0059CC by changing the saturation by 10% instead.



 0059CC

 0059CC

FFFFFF

 0042B0


 648AFF

 002D95

 84A4FF

 001A7A

 A3BFFF

 000061

 C1DBFF

 000848

 E0F7FF

 000430

 00011B

 000000

 0059CC

 1465CC

 2970CC

 3D7CCC

 5287CC

 6693CC

 7A9ECC

 8FAACC

 A3B5CC

 B8C1CC

# Harmonies

## Analogous

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



006CD1



0059CC



8E38AA

# Triad

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



0059CC



AB3900



00764A

# Complementary

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



0059CC



CC7300

# 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.



007101



0059CC



845600

# Square

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



0059CC



BF053D



516800



007785

# Rectangle

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



0059CC



AF1888



516800



007535



# Sweetspot

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



0059CC



B3D4FF



00CC70



526680



000000



808080



# Same Dimension

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



0059CC



006FFF



0A00CC



5C6066



0048A6



001126



# Inverse Universe

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



CC0059



FF006F



C2CC00



665C60



A60048



260011



# Previews

## White Background



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

## Color Contrast Check

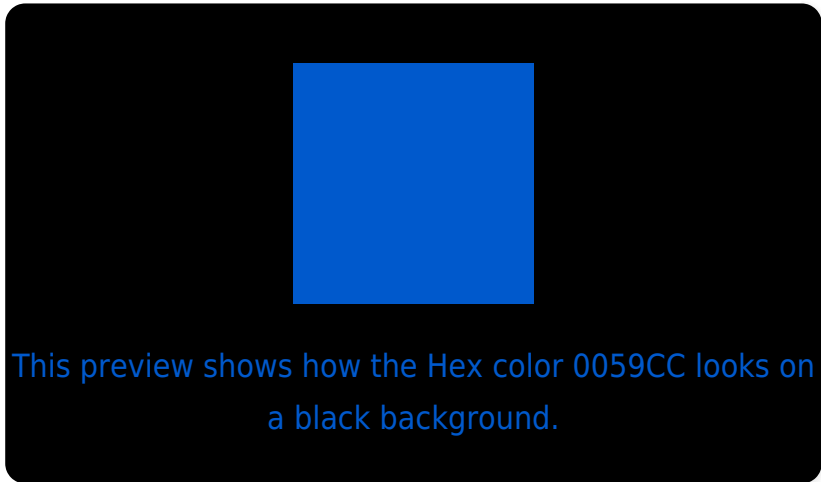
Large Text (above 18pt) WCAG AA ✓ Pass

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

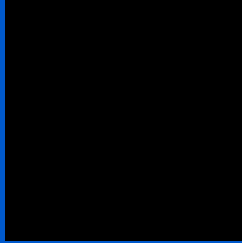
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0059CC Background



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



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

# 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**  
0059CC

**Protanopia**  
005CC2

**Deuteranopia**  
0061A7



**Tritanopia**  
006A70

# Trichromacy



**Original Color**  
0059CC

**Protanomaly**  
005BC6

**Deuteranomaly**  
005EB4

**Tritanomaly**  
006491

# Monochromacy



**Original Color**  
0059CC

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
30507A

# CSS Examples

## Text

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

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

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 #0059CC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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