

Converting Colors

Hex(0059C5)

Have a look what the booklet for
Hex(0059C5) contains.

Hex(0059C5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(0059C5)

Conversions

Conversions Part 1

Format	Color
Hex	0059C5
RGB	0, 89, 197
RGB Percent	0%, 35%, 77%
CMY	1.0000, 0.6510, 0.2275
CMYK	1.00, 0.55, 0.00, 0.23
HSL	213°, 100%, 39%
HSV	213°, 100%, 77%
XYZ	13.6504, 11.1760, 54.2610
YIQ	74.7010, -87.7120, 14.7200

Conversions

Conversions Part 2

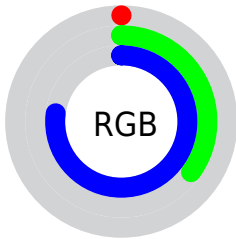
Format	Color
RYB	0, 61, 197
Decimal	22981
CIELab	39.88, 21.00, -62.23
CIELCh	40, 65.676, 288.648
Yxy	11.1760, 0.1726, 0.1413
Android (android.graphics.Color)	4278213061 (0xFF0059C5)
YUV	74.7010, 60.2934, -65.5128
Hunter-Lab	33.4305, 14.3822, -72.8323

Details

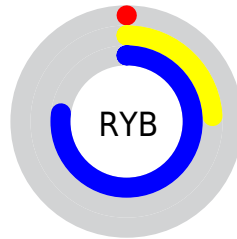
The Hex color **0059C5** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **C56C00**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **618AFF**, and **002D8E** is the 20% darker color. If you saturate the color by 10%, you get **0059C5**, and if you desaturate by 10%, it is **1464C5**.

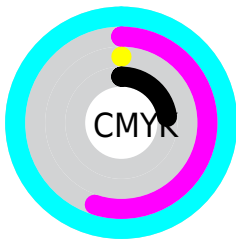
Distribution



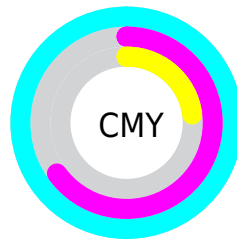
- Red (0%)
- Green (35%)
- Blue (77%)



- Red (0%)
- Yellow (24%)
- Blue (77%)



- Cyan (100%)
- Magenta (55%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (65%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0059C5 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 0059C5 by changing the saturation by 10% instead.

 0059C5

 0059C5

FFFFFF

 0042A9

 618AFF

 002D8E

 81A4FF

 001A74

 A0BFFF

 00005B

 BEDBFF

 000742

 DDF7FF

 00032B

 FBFFFF

 000115

 000000

 0059C5

 1464C5

 276FC5

 3B79C5

 4F84C5

 638FC5

 769AC5

 8AA5C5

 9E AFC5

 B1BAC5

Harmonies

Analogous

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



006BC8



0059C5



883CA6

Triad

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



0059C5



A73906



007347

Complementary

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



0059C5



C56C00

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.



006F05



0059C5



845400

Square

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



0059C5



B91440



546600



00757F

Rectangle

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



0059C5



A72386



546600



007234

Sweetspot

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



0059C5



B3D5FF



00C569



526680



000000



808080

Same Dimension

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



0059C5



0073FF



0700C5



5A5E63



004AA3



001024

Inverse Universe

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



C50059



FF0073



BEC500



635A5E



A3004A



240010

Previews

White Background



This preview shows how the Hex color 0059C5 looks on a white background.

Color Contrast Check

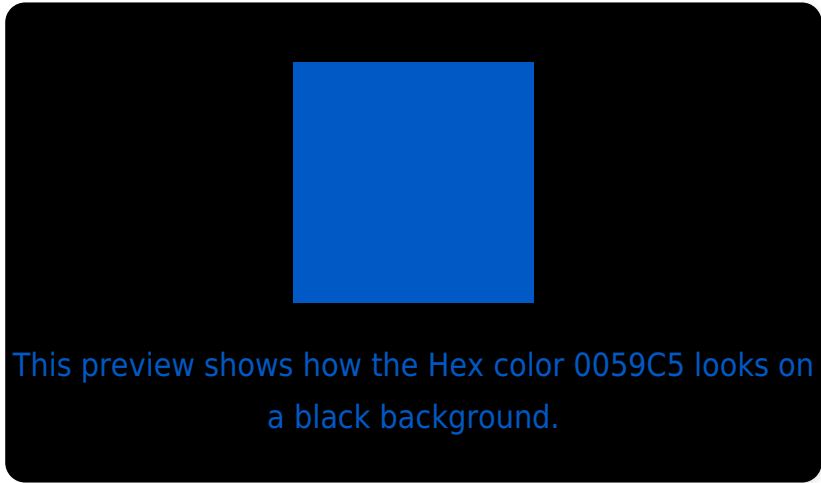
Large Text (above 18pt) WCAG AA ✓ Pass

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

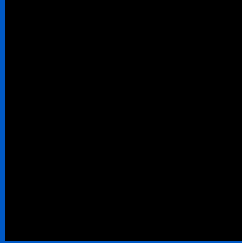
Any Text WCAG AA × Fail

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 0059C5 Background



This preview shows how black text looks on a background with the Hex color 0059C5.



This preview shows how white text looks on a background with the Hex color 0059C5.

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
0059C5

Protanopia
005AC0

Deuteranopia
0060A5

Trichromacy



Original Color
0059C5

Protanomaly
005AC2

Deuteranomaly
005DB1

Monochromacy



Original Color
0059C5

Achromatopsia
4B4B4B

Achromatomaly
305077

CSS Examples

Text

The CSS property to change the color of the text to Hex 0059C5 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 #0059C5 looks like.

```
.text, #text, p{  
    color:#0059C5  
}
```

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 #0059C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0059C5
}
```

Border

The CSS property to change the border of an element to Hex 0059C5 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
#0059C5 }
```

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

```
.border{ border-color:#0059C5 }
```

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

Here you see how a box with a 4 pixel #0059C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0059C5; -webkit-box-shadow:4px 4px  
4px 4px #0059C5; box-shadow:4px 4px 4px  
4px #0059C5 }
```

Background

The CSS property to change the background color of an element to Hex 0059C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0059C5 }
```

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

```
.background{ background-color:#0059C5 }
```

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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