

# Converting Colors

Hex(0079CB)

Have a look what the booklet for  
Hex(0079CB) contains.

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**Color**

**Hex(0079CB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0079CB
RGB	0, 121, 203
RGB Percent	0%, 47%, 80%
CMY	1.0000, 0.5255, 0.2039
CMYK	1.00, 0.40, 0.00, 0.20
HSL	204°, 100%, 40%
HSV	204°, 100%, 80%
XYZ	17.6169, 17.9865, 59.0432
YIQ	94.1690, -98.4380, -0.1500

# Conversions

## Conversions Part 2

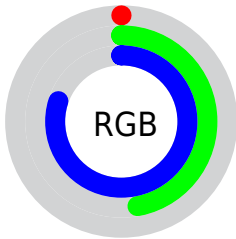
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 76, 203
Decimal	31179
CIELab	49.48, 2.84, -50.20
CIELCh	49, 50.276, 273.238
Yxy	17.9865, 0.1861, 0.1900
Android (android.graphics.Color)	4278221259 (0xFF0079CB)
YUV	94.1690, 53.6537, -82.5862
Hunter-Lab	42.4105, -0.0715, -52.8550

# Details

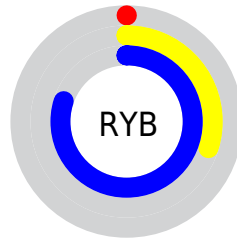
The Hex color **0079CB** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **CB5200**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **62ADFF**, and **004994** is the 20% darker color. If you saturate the color by 10%, you get **0079CB**, and if you desaturate by 10%, it is **1481CB**.

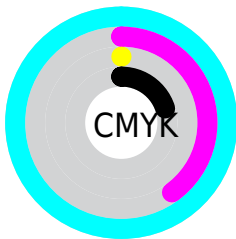
# Distribution



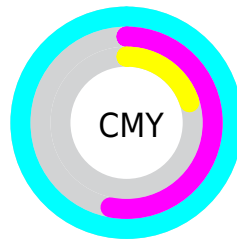
- Red (0%)
- Green (47%)
- Blue (80%)



- Red (0%)
- Yellow (30%)
- Blue (80%)



- Cyan (100%)
- Magenta (40%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (53%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0079CB 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 0079CB by changing the saturation by 10% instead.



 0079CB

 0079CB

FFFFFF

 0061AF

 62ADFF

 004994

 82C8FF

 00337A

 A1E4FF

 001F61

 BFFFFF

 000848

 DEFFFF

 000431

FDFFFF

 00011B

 000000

 0079CB

 1481CB

 2989CB

 3D92CB

 519ACB

 66A2CB

 7AAACB

 8EB2CB

 A2BBCB

 B7C3CB

# Harmonies

## Analogous

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



0084C1



0079CB



7D68BD

# Triad

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



0079CB



BF5449



0A874D

# Complementary

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



0079CB



CB5200

# 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.



5C8128



0079CB



AA6527

# Square

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



0079CB



C24D73



877516



008A79

# Rectangle

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



0079CB



A05CA9



877516



348540

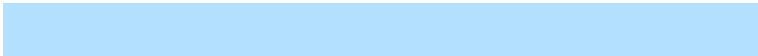


# Sweetspot

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



0079CB



B3E0FF



00CB51



526D80



000000



808080

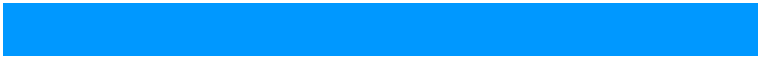


# Same Dimension

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



0079CB



0098FF



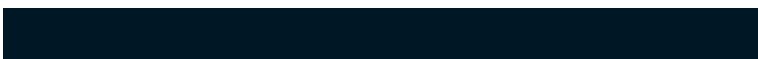
0014CB



5C6266



0063A6



001726



# Inverse Universe

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



CB0079



FF0098



CBB700



665C62



A60063



260017



# Previews

## White Background



This preview shows how the Hex color 0079CB 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



This preview shows how the Hex color 0079CB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

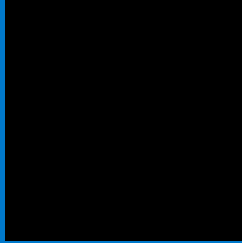
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0079CB Background



This preview shows how black text looks on a background with the Hex color 0079CB.



This preview shows how white text looks on a background with the Hex color 0079CB.

# 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





**Tritanopia**  
00828B

# Trichromacy



**Original Color**  
0079CB

**Protanomaly**  
3575C7

**Deuteranomaly**  
1F78CC

**Tritanomaly**  
007FA2

# Monochromacy



**Original Color**  
0079CB

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
3C6886

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0079CB 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 #0079CB looks like.

```
.text, #text, p{  
    color:#0079CB  
}
```

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 #0079CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0079CB
}
```

## Border

The CSS property to change the border of an element to Hex 0079CB 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
#0079CB }
```

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

```
.border{ border-color:#0079CB }
```

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

Here you see how a box with a 4 pixel #0079CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0079CB; -webkit-box-shadow:4px 4px  
4px 4px #0079CB; box-shadow:4px 4px 4px  
4px #0079CB }
```

# Background

The CSS property to change the background color of an element to Hex 0079CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0079CB }
```

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

```
.background{ background-color:#0079CB }
```

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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