

Converting Colors

Hex(0079CF)

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

Hex(0079CF)	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>	29

Color

Hex(0079CF)

Conversions

Conversions Part 1

Format	Color
Hex	0079CF
RGB	0, 121, 207
RGB Percent	0%, 47%, 81%
CMY	1.0000, 0.5255, 0.1882
CMYK	1.00, 0.42, 0.00, 0.19
HSL	205°, 100%, 41%
HSV	205°, 100%, 81%
XYZ	18.0999, 18.1797, 61.5866
YIQ	94.6250, -99.7220, 1.0940

Conversions

Conversions Part 2

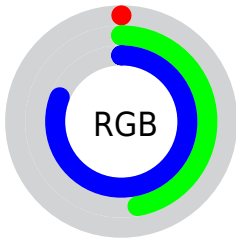
Format	Color
RYB	0, 76, 207
Decimal	31183
CIELab	49.71, 4.41, -52.10
CIELCh	50, 52.289, 274.843
Yxy	18.1797, 0.1849, 0.1858
Android (android.graphics.Color)	4278221263 (0xFF0079CF)
YUV	94.6250, 55.4009, -82.9861
Hunter-Lab	42.6377, 1.1579, -55.7930

Details

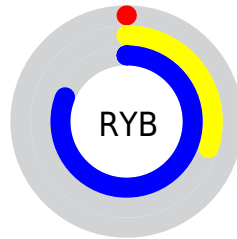
The Hex color **0079CF** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **CF5600**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **63ADFF**, and **004998** is the 20% darker color. If you saturate the color by 10%, you get **0079CF**, and if you desaturate by 10%, it is **1582CF**.

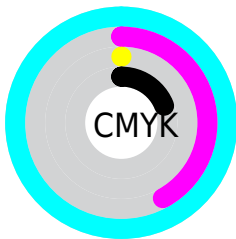
Distribution



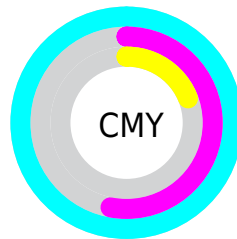
- Red (0%)
- Green (47%)
- Blue (81%)



- Red (0%)
- Yellow (30%)
- Blue (81%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (19%)



- Cyan (100%)
- Magenta (53%)
- Yellow (19%)

Brightness & Saturation Gradients

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

 0079CF

 0079CF

FFFFFF

 0061B3

 63ADFF

 004998

 83C8FF

 00347E

 A2E4FF

 002064

 C1FFFF

 00074C

 E0FFFF

 000434

FEFFFF

 00021E

 000000

 0079CF

 1582CF

 298ACF

 3E93CF

 539BCF

 68A4CF

 7CADCF

 91B5CF

 A6BECF

 BAC6CF

Harmonies

Analogous

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



0085C6



0079CF



8167C0

Triad

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



0079CF



C15446



00894E

Complementary

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



0079CF



CF5600

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.



588227



0079CF



AA6622

Square

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



0079CF



C64B71



867610



008B7C

Rectangle

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



0079CF



A55AAA



867610



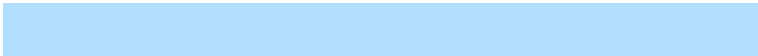
2B8740

Sweetspot

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



0079CF



B3DFFF



00CF53



526C80



000000



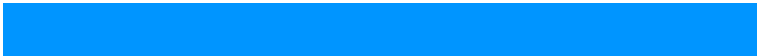
808080

Same Dimension

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



0079CF



0095FF



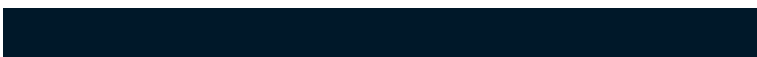
0015CF



5E6469



0062A8



001829

Inverse Universe

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



CF0079



FF0095



CFBA00



695E64



A80062



290018

Previews

White Background



This preview shows how the Hex color 0079CF looks on a white background.

Color Contrast Check

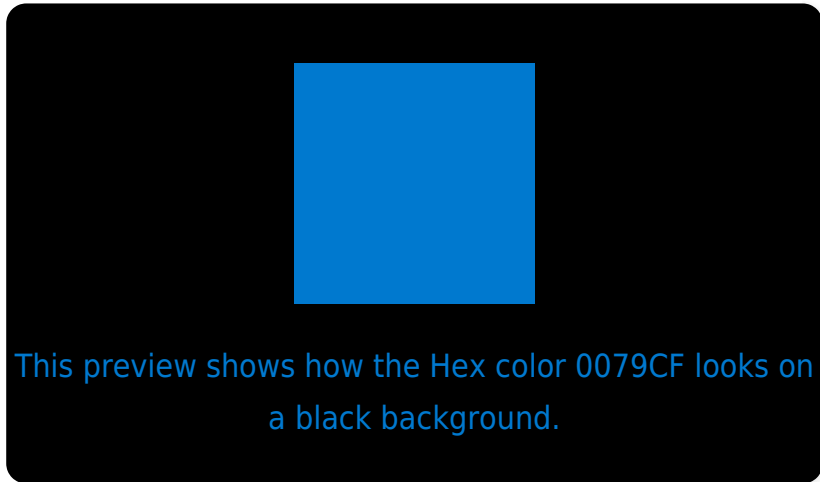
Large Text (above 18pt) WCAG AA ✓ Pass

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

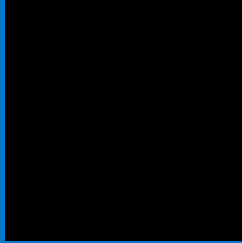
Any Text WCAG AA ✓ Pass

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 0079CF Background



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

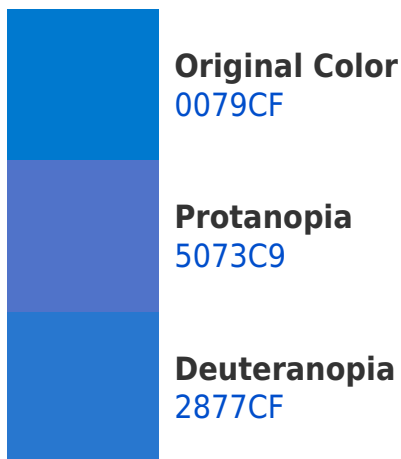


This preview shows how white text looks on a background with the Hex color 0079CF.

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](#).

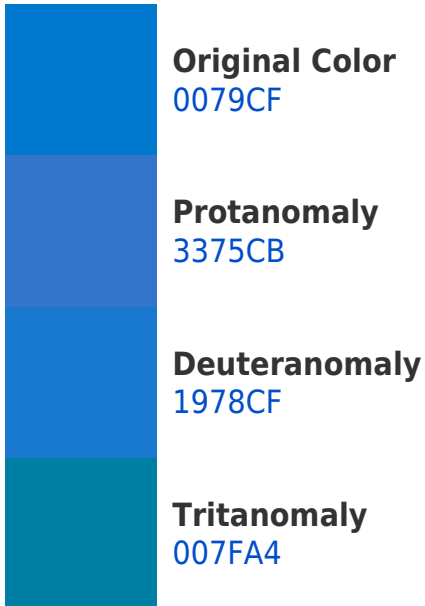
Dichromacy





Tritanopia
00838C

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #0079CF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor