

Converting Colors

Hex(0072C9)

Have a look what the booklet for
Hex(0072C9) contains.

Hex(0072C9)	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(0072C9)

Conversions

Conversions Part 1

Format	Color
Hex	0072C9
RGB	0, 114, 201
RGB Percent	0%, 45%, 79%
CMY	1.0000, 0.5529, 0.2118
CMYK	1.00, 0.43, 0.00, 0.21
HSL	206°, 100%, 39%
HSV	206°, 100%, 79%
XYZ	16.5599, 16.2517, 57.5224
YIQ	89.8320, -95.8710, 2.8890

Conversions

Conversions Part 2

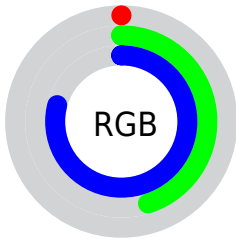
Format	Color
RYB	0, 73, 201
Decimal	29385
CIELab	47.30, 6.40, -52.54
CIELCh	47, 52.926, 276.949
Yxy	16.2517, 0.1833, 0.1799
Android (android.graphics.Color)	4278219465 (0xFF0072C9)
YUV	89.8320, 54.8058, -78.7827
Hunter-Lab	40.3134, 2.7759, -56.3805

Details

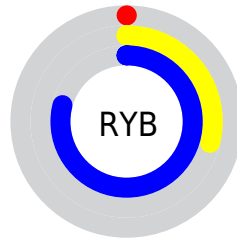
The Hex color **0072C9** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **C95700**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **62A5FF**, and **004392** is the 20% darker color. If you saturate the color by 10%, you get **0072C9**, and if you desaturate by 10%, it is **147BC9**.

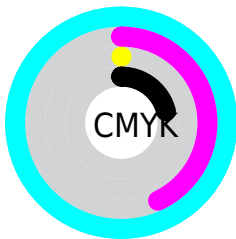
Distribution



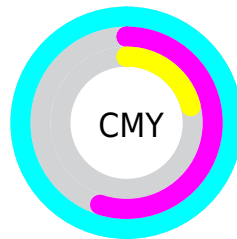
- Red (0%)
- Green (45%)
- Blue (79%)



- Red (0%)
- Yellow (29%)
- Blue (79%)



- Cyan (100%)
- Magenta (43%)
- Yellow (0%)
- Black (21%)



- Cyan (100%)
- Magenta (55%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0072C9 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 0072C9 by changing the saturation by 10% instead.

 0072C9

 0072C9

FFFFFF

 005AAD

 62A5FF

 004392

 81C0FF

 002E78

 A0DCFF

 001B5F

 BFF8FF

 000846

 DDFFFF

 00042F

 FCFFFF

 000119

 000000

 0072C9

 147BC9

 2883C9

 3C8CC9

 5095C9

 659EC9

 79A6C9

 8DAFC9

 A1B8C9

 B5C0C9

Harmonies

Analogous

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



007EC2



0072C9



7F60B8

Triad

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



0072C9



BA4E3D



00834B

Complementary

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



0072C9



C95700

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.



4D7D22



0072C9



A16118

Square

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



0072C9



C04468



7D7103



00857A

Rectangle

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



0072C9



A152A1



7D7103



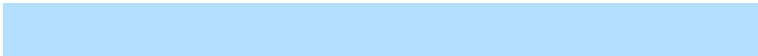
18813D

Sweetspot

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



0072C9



B3DEFF



00C954



526C80



000000



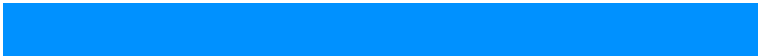
808080

Same Dimension

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



0072C9



0091FF



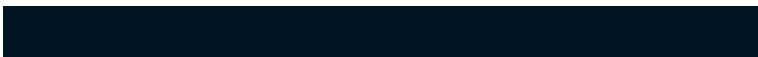
0011C9



5A5F63



005DA3



001424

Inverse Universe

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



C90072



FF0091



C9B800



635A5F



A3005D



240014

Previews

White Background



This preview shows how the Hex color 0072C9 looks on a white background.

Color Contrast Check

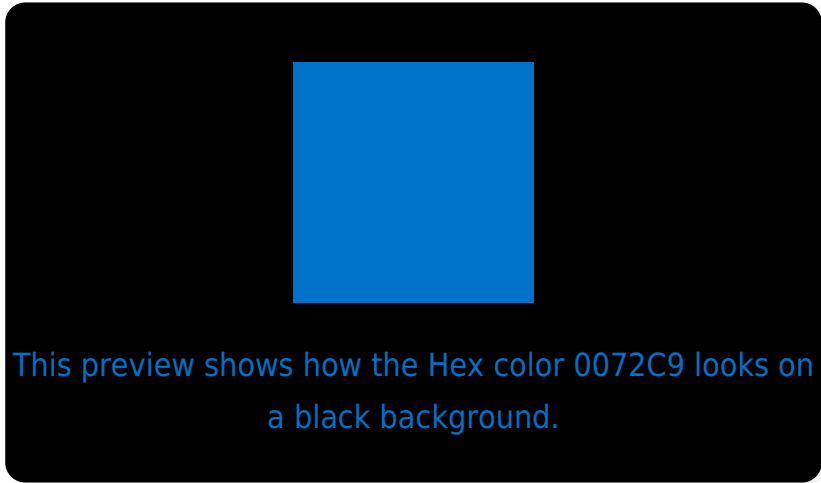
Large Text (above 18pt) WCAG AA ✓ Pass

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

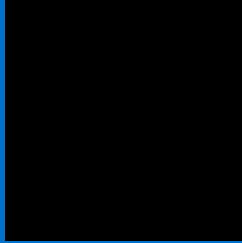
Any Text WCAG AA × Fail

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 0072C9 Background



This preview shows how black text looks on a background with the Hex color 0072C9.

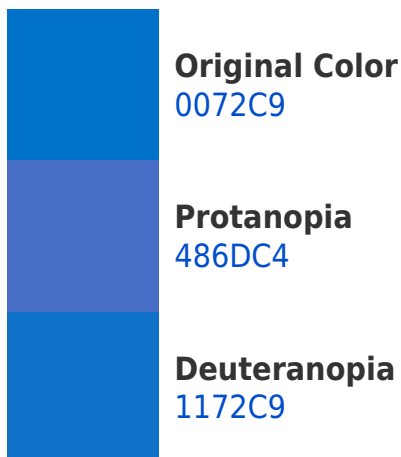


This preview shows how white text looks on a background with the Hex color 0072C9.

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
007C85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0072C9 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 #0072C9 looks like.

```
.text, #text, p{  
    color:#0072C9  
}
```

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 #0072C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0072C9
}
```

Border

The CSS property to change the border of an element to Hex 0072C9 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
#0072C9 }
```

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

```
.border{ border-color:#0072C9 }
```

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

Here you see how a box with a 4 pixel #0072C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0072C9; -webkit-box-shadow:4px 4px  
4px 4px #0072C9; box-shadow:4px 4px 4px  
4px #0072C9 }
```

Background

The CSS property to change the background color of an element to Hex 0072C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0072C9 }
```

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

```
.background{ background-color:#0072C9 }
```

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