

Converting Colors

Hex(0074C2)

Have a look what the booklet for
Hex(0074C2) contains.

Hex(0074C2)	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(0074C2)

Conversions

Conversions Part 1

Format	Color
Hex	0074C2
RGB	0, 116, 194
RGB Percent	0%, 45%, 76%
CMY	1.0000, 0.5451, 0.2392
CMYK	1.00, 0.40, 0.00, 0.24
HSL	204°, 100%, 38%
HSV	204°, 100%, 76%
XYZ	15.9830, 16.3858, 53.3593
YIQ	90.2080, -94.1740, -0.3340

Conversions

Conversions Part 2

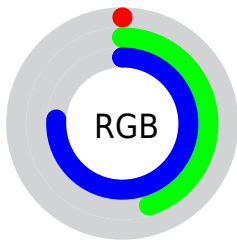
Format	Color
RYB	0, 73, 194
Decimal	29890
CIELab	47.48, 2.37, -48.24
CIELCh	47, 48.297, 272.816
Yxy	16.3858, 0.1864, 0.1911
Android (android.graphics.Color)	4278219970 (0xFF0074C2)
YUV	90.2080, 51.1695, -79.1124
Hunter-Lab	40.4794, -0.3596, -49.8196

Details

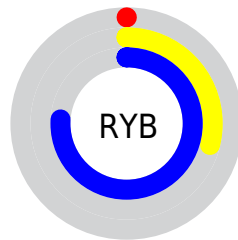
The Hex color **0074C2** is a dark color, and the websafe version is hex **336699**. The color can be described as dark washed azure. A complement of this color would be **C24E00**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **60A8FB**, and **00458C** is the 20% darker color. If you saturate the color by 10%, you get **0074C2**, and if you desaturate by 10%, it is **137CC2**.

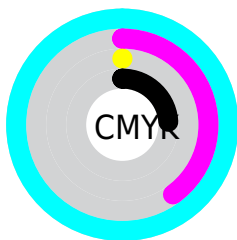
Distribution



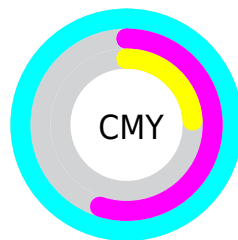
- Red (0%)
- Green (45%)
- Blue (76%)



- Red (0%)
- Yellow (29%)
- Blue (76%)



- Cyan (100%)
- Magenta (40%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (55%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0074C2 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 0074C2 by changing the saturation by 10% instead.

 0074C2

 0074C2

FFFFFF

 005CA6

 60A8FB

 00458C

 7FC3FF

 002F72

 9EDEFF

 001C59

 BCFBFF

 000741

 DAFFFF

 00032A

 F9FFFF

 000114

 000000

 0074C2

■ 137CC2

■ 2784C2

■ 3A8BC2

■ 4E93C2

■ 619BC2

■ 74A3C2

■ 88ABC2

■ 9BB2C2

■ AFBAC2

Harmonies

Analogous

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



007EB9



0074C2



7664B5

Triad

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



0074C2



B75147



10814A

Complementary

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



0074C2



C24E00

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.



597B27



0074C2



A36126

Square

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



0074C2



B94A6E



827016



008473

Rectangle

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



0074C2



9958A2



827016



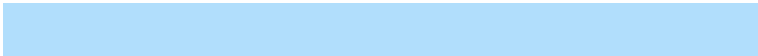
33803D

Sweetspot

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



0074C2



B1DEFC



00C24E



526D80



000000



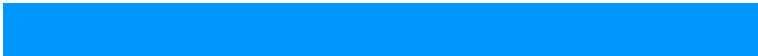
808080

Same Dimension

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



0074C2



0097FC



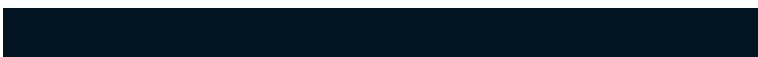
0013C2



575D61



0060A1



001421

Inverse Universe

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



C20074



FC0097



C2AF00



61575D



A10060



210014

Previews

White Background



This preview shows how the Hex color 0074C2 looks on a white background.

Color Contrast Check

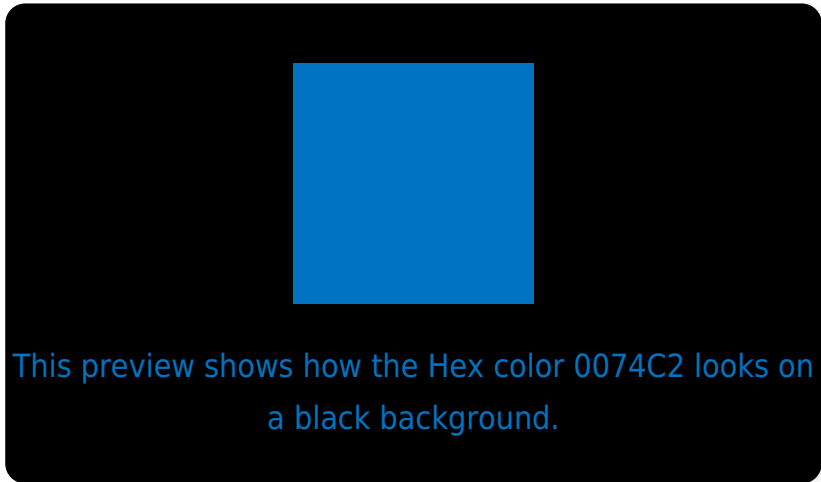
Large Text (above 18pt) WCAG AA ✓ Pass

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

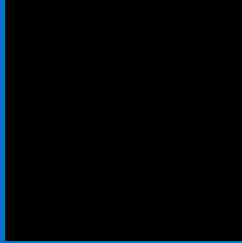
Any Text WCAG AA × Fail

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 0074C2 Background



This preview shows how black text looks on a background with the Hex color 0074C2.

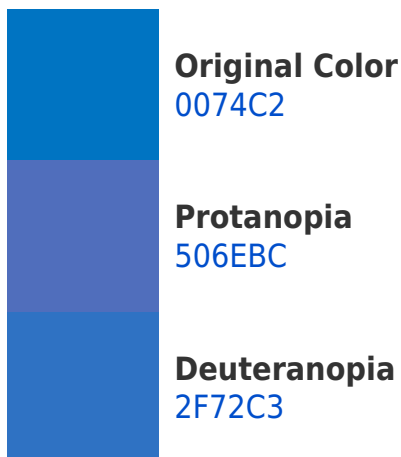


This preview shows how white text looks on a background with the Hex color 0074C2.

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](#).

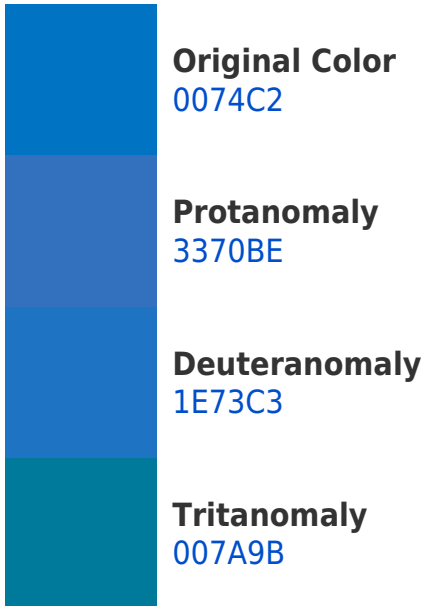
Dichromacy





Tritanopia
007D85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0074C2 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 #0074C2 looks like.

```
.text, #text, p{  
    color:#0074C2  
}
```

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 #0074C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0074C2
}
```

Border

The CSS property to change the border of an element to Hex 0074C2 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
#0074C2 }
```

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

```
.border{ border-color:#0074C2 }
```

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

Here you see how a box with a 4 pixel #0074C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0074C2; -webkit-box-shadow:4px 4px  
4px 4px #0074C2; box-shadow:4px 4px 4px  
4px #0074C2 }
```

Background

The CSS property to change the background color of an element to Hex 0074C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0074C2 }
```

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

```
.background{ background-color:#0074C2 }
```

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