

# Converting Colors

Hex(0067C2)

Have a look what the booklet for  
Hex(0067C2) contains.

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# Color

Hex(0067C2)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0067C2
RGB	0, 103, 194
RGB Percent	0%, 40%, 76%
CMY	1.0000, 0.5961, 0.2392
CMYK	1.00, 0.47, 0.00, 0.24
HSL	208°, 100%, 38%
HSV	208°, 100%, 76%
XYZ	14.5879, 13.5955, 52.8943
YIQ	82.5770, -90.5990, 6.4650

# Conversions

## Conversions Part 2

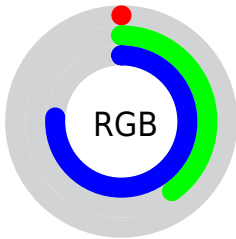
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 67, 194
Decimal	26562
CIELab	43.65, 10.60, -54.38
CIELCh	44, 55.406, 281.033
Yxy	13.5955, 0.1799, 0.1677
Android (android.graphics.Color)	4278216642 (0xFF0067C2)
YUV	82.5770, 54.9315, -72.4200
Hunter-Lab	36.8721, 6.0944, -59.2430

# Details

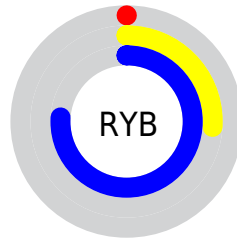
The Hex color **0067C2** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **C25B00**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **6099FB**, and **00398C** is the 20% darker color. If you saturate the color by 10%, you get **0067C2**, and if you desaturate by 10%, it is **1370C2**.

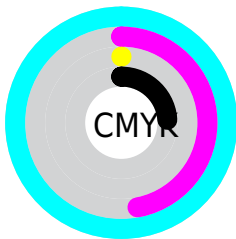
# Distribution



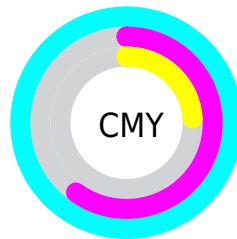
- Red (0%)
- Green (40%)
- Blue (76%)



- Red (0%)
- Yellow (26%)
- Blue (76%)



- Cyan (100%)
- Magenta (47%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (60%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0067C2 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 0067C2 by changing the saturation by 10% instead.



 0067C2

 0067C2


FFFFFF

 004FA6

 6099FB

 00398C

 7FB4FF

 002571

 9ECFFF

 001058

 BCEBFF

 000740

 DAFFFF

 000329

 F9FFFF

 000113

 000000

 0067C2

■ 1370C2

■ 2779C2

■ 3A82C2

■ 4E8BC2

■ 6195C2

■ 749EC2

■ 88A7C2

■ 9BB0C2

■ AFB9C2

# Harmonies

## Analogous

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



0074BE



0067C2



7E53AD

# Triad

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



0067C2



AF452D



007A47

# Complementary

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



0067C2



C25B00

# 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.



397519



0067C2



945A00

# Square

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



0067C2



B93658



6D6A00



007C77

# Rectangle

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



0067C2



9F4494



6D6A00



007938

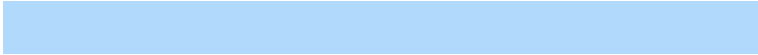


# Sweetspot

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



0067C2



B1D9FC



00C25B



526A80



000000



808080



# Same Dimension

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



0067C2



0086FC



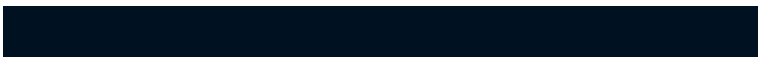
0006C2



575C61



0055A1



001221



# Inverse Universe

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



C20067



FC0086



C2BC00



61575C



A10055



210012



# Previews

## White Background



This preview shows how the Hex color 0067C2 looks on a white background.

## Color Contrast Check

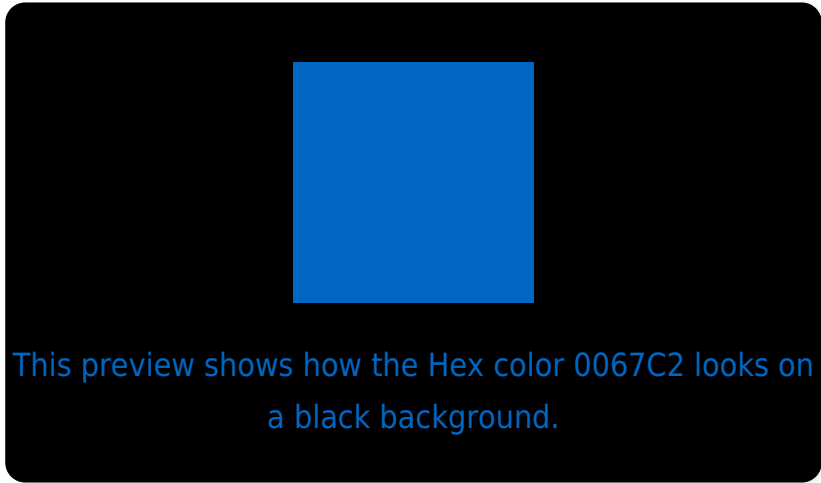
Large Text (above 18pt) WCAG AA ✓ Pass

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 0067C2 Background



This preview shows how black text looks on a background with the Hex color 0067C2.



This preview shows how white text looks on a background with the Hex color 0067C2.

# 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](#).

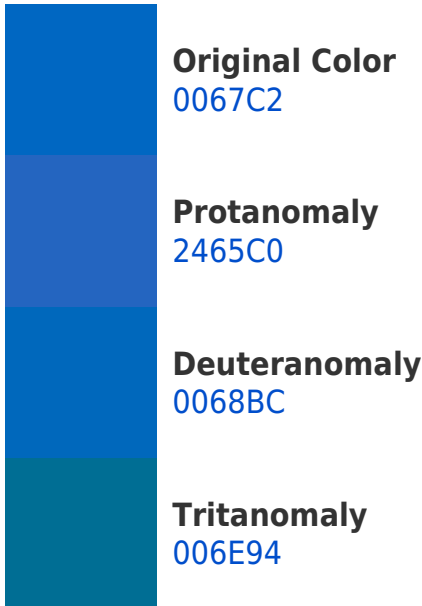
## Dichromacy



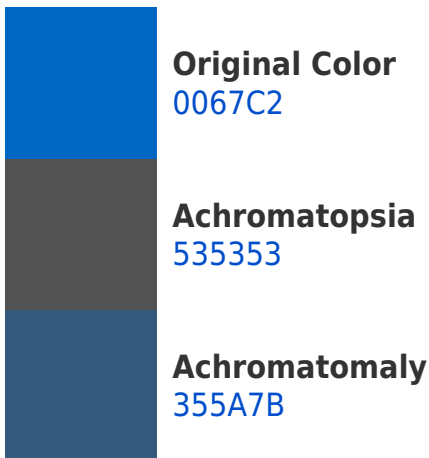


**Tritanopia**  
00727A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0067C2 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 #0067C2 looks like.

```
.text, #text, p{  
    color:#0067C2  
}
```

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 #0067C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0067C2
}
```

## Border

The CSS property to change the border of an element to Hex 0067C2 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
#0067C2 }
```

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

```
.border{ border-color:#0067C2 }
```

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

Here you see how a box with a 4 pixel #0067C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0067C2; -webkit-box-shadow:4px 4px  
4px 4px #0067C2; box-shadow:4px 4px 4px  
4px #0067C2 }
```

# Background

The CSS property to change the background color of an element to Hex 0067C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0067C2 }
```

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

```
.background{ background-color:#0067C2 }
```

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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