

# Converting Colors

Hex(0075C0)

Have a look what the booklet for  
Hex(0075C0) contains.

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# Color

Hex(0075C0)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0075C0
RGB	0, 117, 192
RGB Percent	0%, 46%, 75%
CMY	1.0000, 0.5412, 0.2471
CMYK	1.00, 0.39, 0.00, 0.25
HSL	203°, 100%, 38%
HSV	203°, 100%, 75%
XYZ	15.8757, 16.5284, 52.2227
YIQ	90.5670, -93.8070, -1.4790

# Conversions

## Conversions Part 2

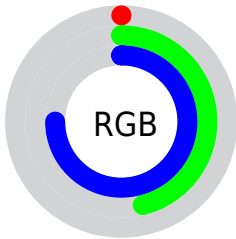
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 73, 192
Decimal	30144
CIELab	47.66, 0.96, -46.79
CIELCh	48, 46.805, 271.179
Yxy	16.5284, 0.1876, 0.1953
Android (android.graphics.Color)	4278220224 (0xFF0075C0)
YUV	90.5670, 50.0065, -79.4273
Hunter-Lab	40.6551, -1.4425, -47.7013

# Details

The Hex color **0075C0** 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 **C04B00**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **5FA9F9**, and **00468A** is the 20% darker color. If you saturate the color by 10%, you get **0075C0**, and if you desaturate by 10%, it is **137DC0**.

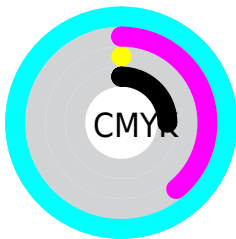
# Distribution



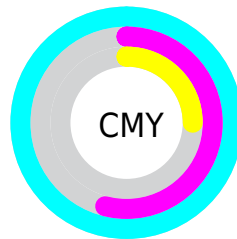
- Red (0%)
- Green (46%)
- Blue (75%)



- Red (0%)
- Yellow (29%)
- Blue (75%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (54%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0075C0 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 0075C0 by changing the saturation by 10% instead.



 0075C0

 0075C0

FFFFFF

 005DA5

 5FA9F9

 00468A

 7FC4FF

 003070

 9DE0FF

 001C57

 BBFCFF

 00063F

 D9FFFF

 000328

 F8FFFF

 000112

 000000

 0075C0

 137DC0

 2684C0

 3A8BC0

 4D93C0

 609BC0

 73A2C0

 86AAC0

 9AB1C0

 ADB9C0

# Harmonies

## Analogous

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



007FB6



0075C0



7466B5

# Triad

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



0075C0



B6524B



208149

# Complementary

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



0075C0



C04B00

# 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.



5D7B28



0075C0



A4612B

# Square

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



0075C0



B74C71



85701B



008471

# Rectangle

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



0075C0



965BA3



85701B



3A7F3D

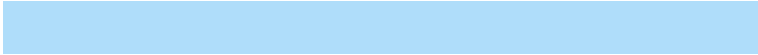


# Sweetspot

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



0075C0



AFDDFA



00C04A



506B7D



FCFCFC



7D7D7D

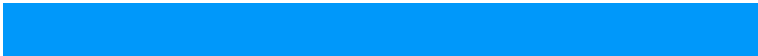


# Same Dimension

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



0075C0



0098FA



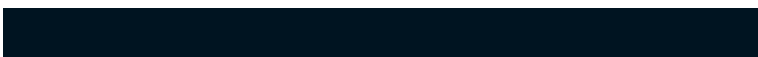
0016C0



575D61



0062A1



001421



# Inverse Universe

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



C00075



FA0098



C0AA00



61575D



A10062



210014



# Previews

## White Background



This preview shows how the Hex color 0075C0 looks on a white background.

## Color Contrast Check

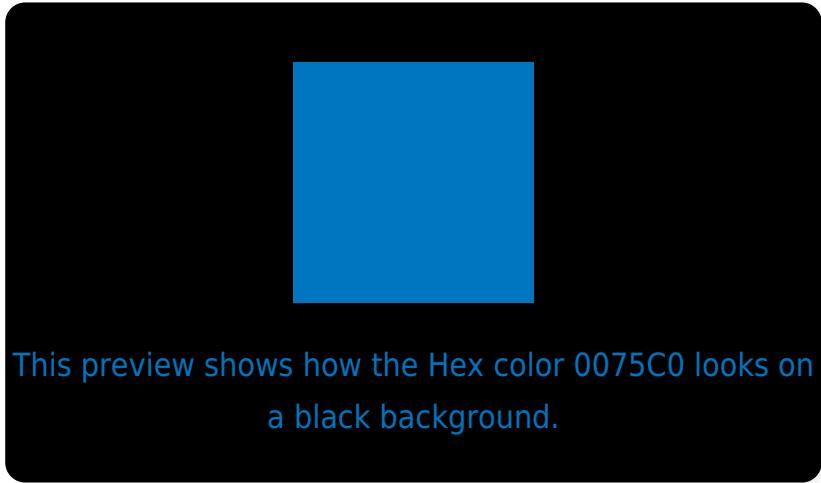
Large Text (above 18pt) WCAG AA ✓ Pass

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

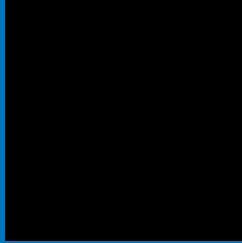
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0075C0 Background



This preview shows how black text looks on a background with the Hex color 0075C0.

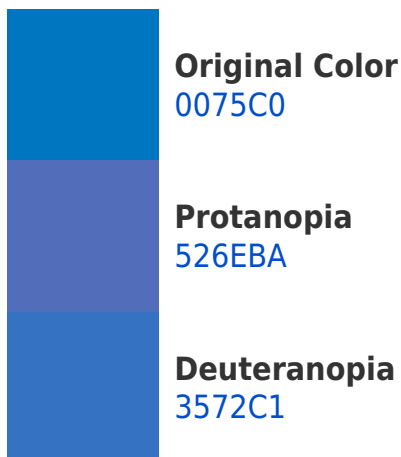


This preview shows how white text looks on a background with the Hex color 0075C0.

# 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](#).

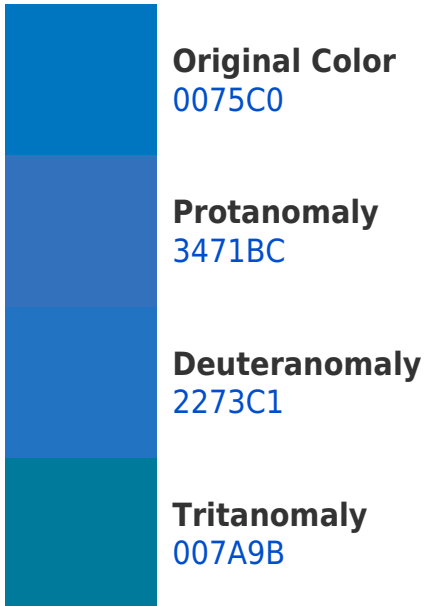
## Dichromacy



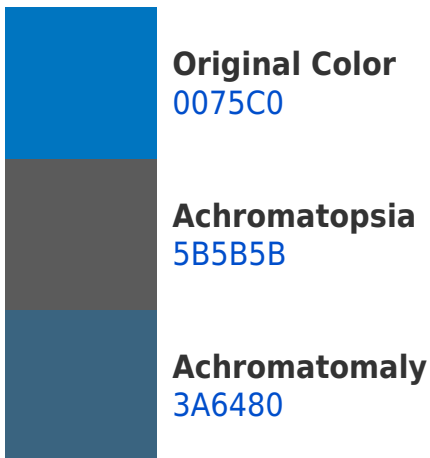


**Tritanopia**  
007D86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0075C0 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 #0075C0 looks like.

```
.text, #text, p{  
    color:#0075C0  
}
```

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 #0075C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0075C0
}
```

## Border

The CSS property to change the border of an element to Hex 0075C0 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
#0075C0 }
```

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

```
.border{ border-color:#0075C0 }
```

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

Here you see how a box with a 4 pixel #0075C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0075C0; -webkit-box-shadow:4px 4px  
4px 4px #0075C0; box-shadow:4px 4px 4px  
4px #0075C0 }
```

# Background

The CSS property to change the background color of an element to Hex 0075C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0075C0 }
```

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

```
.background{ background-color:#0075C0 }
```

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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