

# Converting Colors

Hex(0072C3)

Have a look what the booklet for  
Hex(0072C3) contains.

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# Color

Hex(0072C3)

# Conversions

## Conversions Part 1

Format	Color
Hex	0072C3
RGB	0, 114, 195
RGB Percent	0%, 45%, 76%
CMY	1.0000, 0.5529, 0.2353
CMYK	1.00, 0.42, 0.00, 0.24
HSL	205°, 100%, 38%
HSV	205°, 100%, 76%
XYZ	15.8676, 15.9748, 53.8769
YIQ	89.1480, -93.9450, 1.0230

# Conversions

## Conversions Part 2

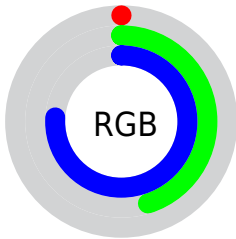
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 72, 195
Decimal	29379
CIELab	46.94, 4.01, -49.67
CIELCh	47, 49.832, 274.621
Yxy	15.9748, 0.1851, 0.1864
Android (android.graphics.Color)	4278219459 (0xFF0072C3)
YUV	89.1480, 52.1850, -78.1828
Hunter-Lab	39.9684, 0.9205, -51.9442

# Details

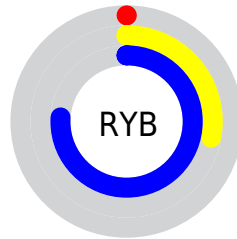
The Hex color **0072C3** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **C35100**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **60A5FC**, and **00438D** is the 20% darker color. If you saturate the color by 10%, you get **0072C3**, and if you desaturate by 10%, it is **137AC3**.

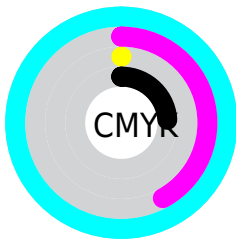
# Distribution



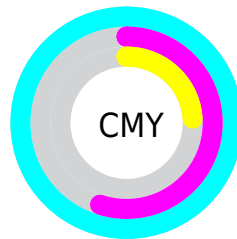
- Red (0%)
- Green (45%)
- Blue (76%)



- Red (0%)
- Yellow (28%)
- Blue (76%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (24%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 0072C3 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 0072C3 by changing the saturation by 10% instead.



 0072C3

 0072C3

FFFFFF

 005AA7

 60A5FC

 00438D

 7FC0FF

 002E73

 9EDCFF

 001A5A

 BCF8FF

 000741

 DBFFFF

 00032A

 F9FFFF

 000115

 000000

 0072C3

 137AC3

 2782C3

 3B8AC3

 4E92C3

 629BC3

 75A3C3

 88ABC3

 9CB3C3

 B0BBC3

# Harmonies

## Analogous

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



007DBB



0072C3



7961B5

# Triad

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



0072C3



B64F42



00814A

# Complementary

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



0072C3



C35100

# 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.



537A24



0072C3



A16021

# Square

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



0072C3



BA476B



7F6F0F



008375

# Rectangle

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



0072C3



9B55A0



7F6F0F



297F3C

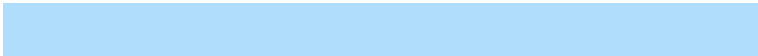


# Sweetspot

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



0072C3



B1DDFC



00C34E



526C80



000000



808080

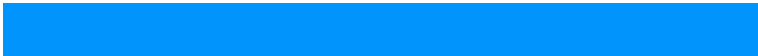


# Same Dimension

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



0072C3



0094FC



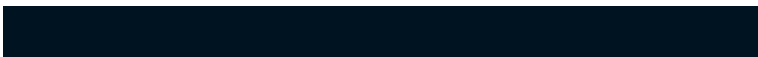
0013C3



575D61



005EA1



001321



# Inverse Universe

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



C30072



FC0094



C3AF00



61575D



A1005E



210013



# Previews

## White Background



This preview shows how the Hex color 0072C3 looks on a white background.

## Color Contrast Check

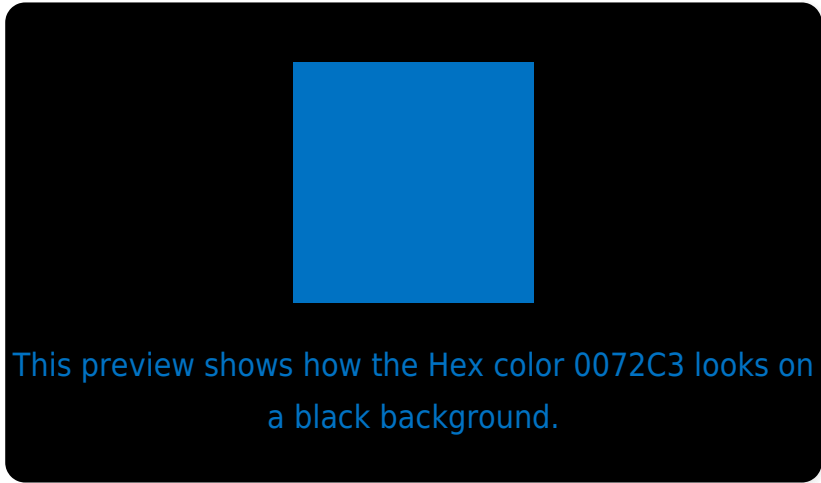
Large Text (above 18pt) WCAG AA ✓ Pass

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

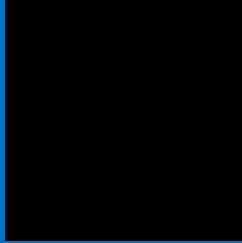
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0072C3 Background



This preview shows how black text looks on a background with the Hex color 0072C3.

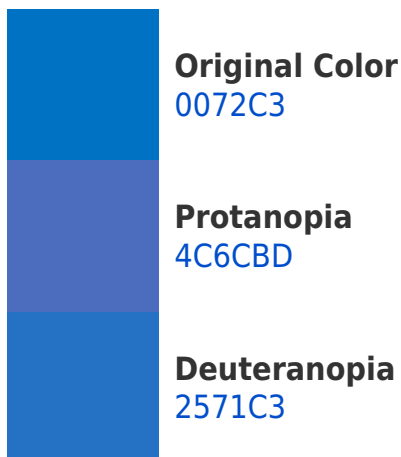


This preview shows how white text looks on a background with the Hex color 0072C3.

# 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



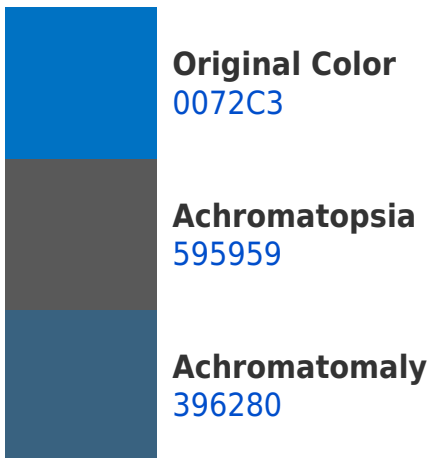


**Tritanopia**  
007B84

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0072C3 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 #0072C3 looks like.

```
.text, #text, p{  
    color:#0072C3  
}
```

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 #0072C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0072C3
}
```

## Border

The CSS property to change the border of an element to Hex 0072C3 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
#0072C3 }
```

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

```
.border{ border-color:#0072C3 }
```

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

Here you see how a box with a 4 pixel #0072C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0072C3; -webkit-box-shadow:4px 4px  
4px 4px #0072C3; box-shadow:4px 4px 4px  
4px #0072C3 }
```

# Background

The CSS property to change the background color of an element to Hex 0072C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0072C3 }
```

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

```
.background{ background-color:#0072C3 }
```

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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