

# Converting Colors

Hex(0073C6)

Have a look what the booklet for  
Hex(0073C6) contains.

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# Color

Hex(0073C6)

# Conversions

## Conversions Part 1

Format	Color
Hex	0073C6
RGB	0, 115, 198
RGB Percent	0%, 45%, 78%
CMY	1.0000, 0.5490, 0.2235
CMYK	1.00, 0.42, 0.00, 0.22
HSL	205°, 100%, 39%
HSV	205°, 100%, 78%
XYZ	16.3238, 16.3387, 55.7194
YIQ	90.0770, -95.1830, 1.4330

# Conversions

## Conversions Part 2

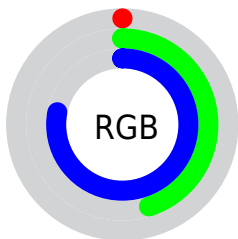
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 73, 198
Decimal	29638
CIELab	47.42, 4.58, -50.64
CIELCh	47, 50.842, 275.172
Yxy	16.3387, 0.1847, 0.1849
Android (android.graphics.Color)	4278219718 (0xFF0073C6)
YUV	90.0770, 53.2060, -78.9975
Hunter-Lab	40.4211, 1.3489, -53.4348

# Details

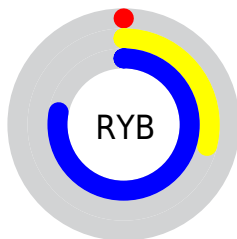
The Hex color **0073C6** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **C65300**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **61A6FF**, and **00448F** is the 20% darker color. If you saturate the color by 10%, you get **0073C6**, and if you desaturate by 10%, it is **147BC6**.

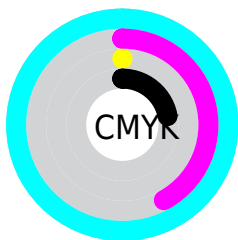
# Distribution



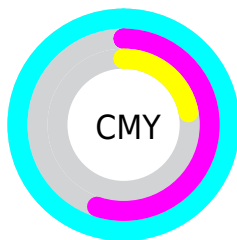
- Red (0%)
- Green (45%)
- Blue (78%)



- Red (0%)
- Yellow (29%)
- Blue (78%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (55%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0073C6 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 0073C6 by changing the saturation by 10% instead.



 0073C6

 0073C6

FFFFFF

 005BAA

 61A6FF

 00448F

 80C1FF

 002E75

 9FDDFF

 001B5C

 BDFAFF

 000744

 DCFFFF

 00032D

 FAFFFF

 000117

 000000

 0073C6

 147BC6

 2884C6

 3B8CC6

 4F94C6

 639DC6

 77A5C6

 8BADC6

 9EB5C6

 B2BEC6

# Harmonies

## Analogous

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



007EBE



0073C6



7B62B7

# Triad

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



0073C6



B95042



00824B

# Complementary

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



0073C6



C65300

# 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.



537C24



0073C6



A2611F

# Square

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



0073C6



BD476B



7F710D



008577

# Rectangle

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



0073C6



9E55A2



7F710D



27813D

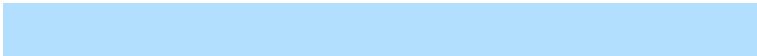


# Sweetspot

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



0073C6



B3DFFF



00C653



526C80



000000



808080



# Same Dimension

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



0073C6



0094FF



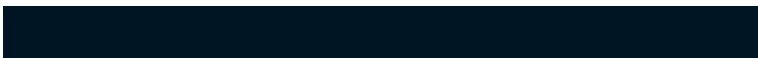
0010C6



5A5F63



005FA3



001524



# Inverse Universe

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



C60073



FF0094



C6B600



635A5F



A3005F



240015



# Previews

## White Background



This preview shows how the Hex color 0073C6 looks on a white background.

## Color Contrast Check

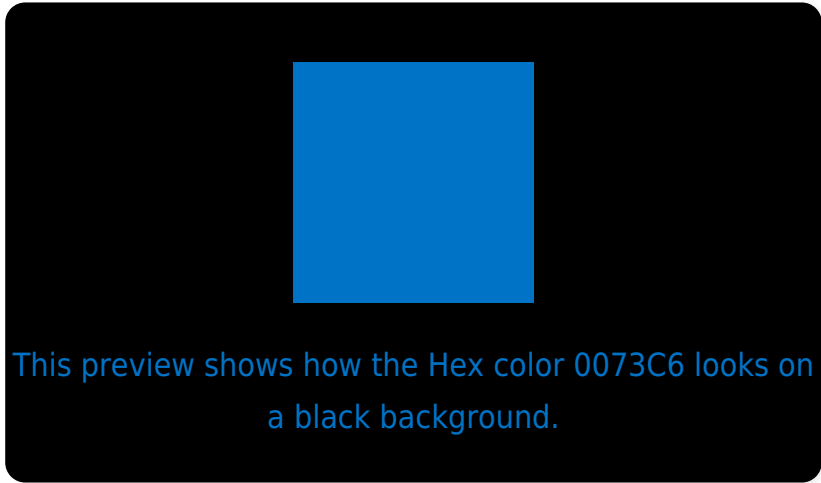
Large Text (above 18pt) WCAG AA ✓ Pass

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

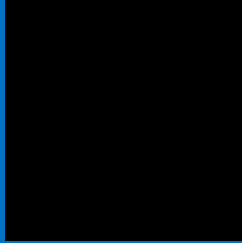
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0073C6 Background



This preview shows how black text looks on a background with the Hex color 0073C6.

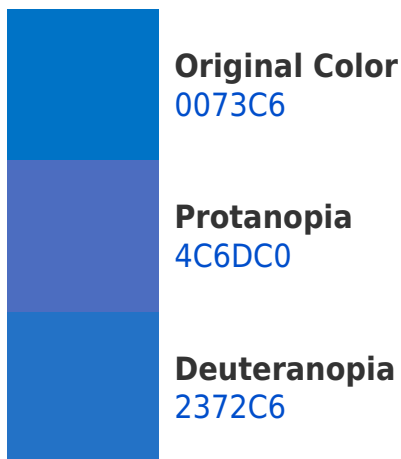


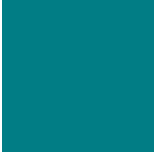
This preview shows how white text looks on a background with the Hex color 0073C6.

# 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](#).

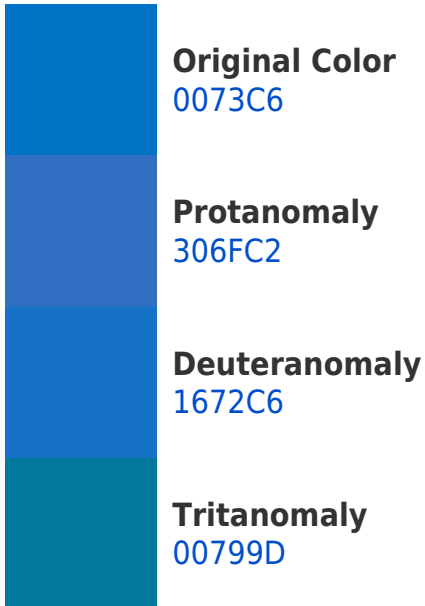
## Dichromacy



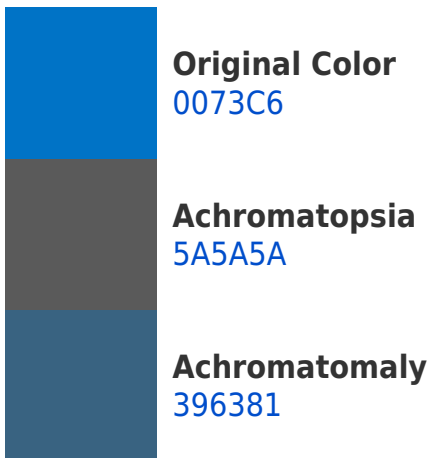


**Tritanopia**  
007D85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0073C6 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 #0073C6 looks like.

```
.text, #text, p{  
    color:#0073C6  
}
```

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 #0073C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0073C6
}
```

## Border

The CSS property to change the border of an element to Hex 0073C6 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
#0073C6 }
```

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

```
.border{ border-color:#0073C6 }
```

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

Here you see how a box with a 4 pixel #0073C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0073C6; -webkit-box-shadow:4px 4px  
4px 4px #0073C6; box-shadow:4px 4px 4px  
4px #0073C6 }
```

# Background

The CSS property to change the background color of an element to Hex 0073C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0073C6 }
```

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

```
.background{ background-color:#0073C6 }
```

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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