

# Converting Colors

Hex(0573C0)

Have a look what the booklet for  
Hex(0573C0) contains.

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# Color

Hex(0573C0)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0573C0
RGB	5, 115, 192
RGB Percent	2%, 45%, 75%
CMY	0.9804, 0.5490, 0.2471
CMYK	0.97, 0.40, 0.00, 0.25
HSL	205°, 95%, 39%
HSV	205°, 97%, 75%
XYZ	15.7077, 16.0995, 52.1488
YIQ	90.8880, -90.2770, 0.6270

# Conversions

## Conversions Part 2

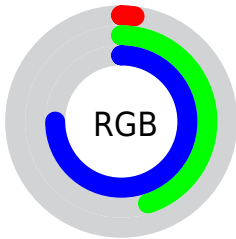
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	5, 74, 192
Decimal	357312
CIE Lab	47.10, 2.38, -47.68
CIE LCh	47, 47.738, 272.861
Yxy	16.0995, 0.1871, 0.1918
Android (android.graphics.Color)	4278547392 (0xFF0573C0)
YUV	90.8880, 49.8482, -75.3238
Hunter-Lab	40.1242, -0.3384, -48.9714

# Details

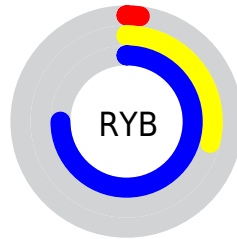
The Hex color **0573C0** is a dark color, and the websafe version is hex **336699**. The color can be described as dark washed azure. A complement of this color would be **C05205**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **60A6F9**, and **00448A** is the 20% darker color. If you saturate the color by 10%, you get **0071C0**, and if you desaturate by 10%, it is **187BC0**.

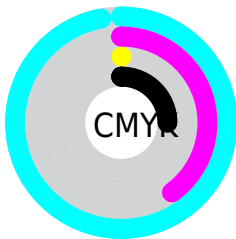
# Distribution



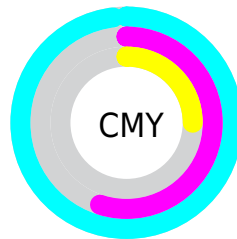
- Red (2%)
- Green (45%)
- Blue (75%)



- Red (2%)
- Yellow (29%)
- Blue (75%)



- Cyan (97%)
- Magenta (40%)
- Yellow (0%)
- Black (25%)



- Cyan (98%)
- Magenta (55%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0573C0 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 0573C0 by changing the saturation by 10% instead.



■ 0573C0

■ 0573C0

FFFFFF

■ 005BA5

■ 60A6F9

■ 00448A

■ 7FC1FF

■ 002E70

■ 9EDDFF

■ 001B57

■ BCFAFF

■ 00063F

■ DAFFFF

■ 000328

■ F9FFFF

■ 000112

■ 000000

■ 0573C0

■ 0573C0

■ 0071C0

■ 187BC0

■ 2B83C0

■ 3F8BC0

■ 5293C0

■ 659BC0

■ 78A2C0

■ 8BAAC0

■ 9FB2C0

■ B2BAC0

# Harmonies

## Analogous

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



007DB7



0573C0



7663B3

# Triad

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



0573C0



B55046



118049

# Complementary

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



0573C0



C05205

# 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.



587A27



0573C0



A16027

# Square

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



0573C0



B74A6D



816F17



008372

# Rectangle

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



0573C0



9758A1



816F17



337F3D

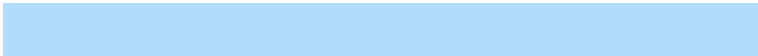


# Sweetspot

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



0573C0



B1DCFA



05C050



516B7D



FCFCFC



7D7D7D



# Same Dimension

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



0573C0



0093FA



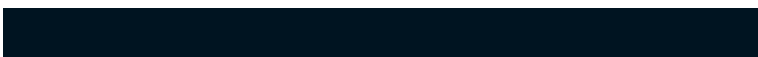
0518C0



575D61



005FA1



001421



# Inverse Universe

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



C00573



FA0093



C0AD05



61575D



A1005E



210013



# Previews

## White Background



This preview shows how the Hex color 0573C0 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



This preview shows how the Hex color 0573C0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

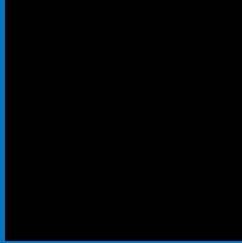
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0573C0 Background



This preview shows how black text looks on a background with the Hex color 0573C0.

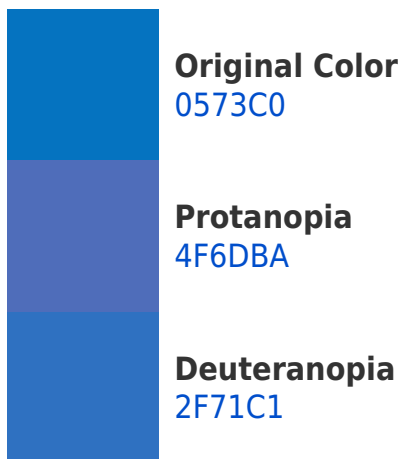


This preview shows how white text looks on a background with the Hex color 0573C0.

# 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](#).

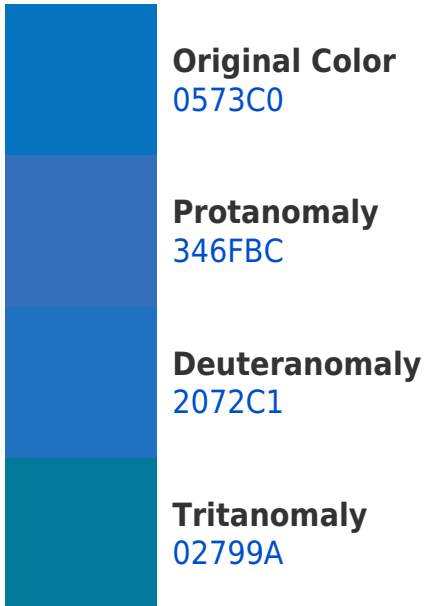
## Dichromacy





**Tritanopia**  
007C84

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0573C0 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 #0573C0 looks like.

```
.text, #text, p{  
    color:#0573C0  
}
```

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 #0573C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0573C0
}
```

## Border

The CSS property to change the border of an element to Hex 0573C0 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
#0573C0 }
```

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

```
.border{ border-color:#0573C0 }
```

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

Here you see how a box with a 4 pixel #0573C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0573C0; -webkit-box-shadow:4px 4px  
4px 4px #0573C0; box-shadow:4px 4px 4px  
4px #0573C0 }
```

# Background

The CSS property to change the background color of an element to Hex 0573C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0573C0 }
```

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

```
.background{ background-color:#0573C0 }
```

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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