

Converting Colors

Hex(0072C7)

Have a look what the booklet for
Hex(0072C7) contains.

Hex(0072C7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0072C7)

Conversions

Conversions Part 1

Format	Color
Hex	0072C7
RGB	0, 114, 199
RGB Percent	0%, 45%, 78%
CMY	1.0000, 0.5529, 0.2196
CMYK	1.00, 0.43, 0.00, 0.22
HSL	206°, 100%, 39%
HSV	206°, 100%, 78%
XYZ	16.3261, 16.1581, 56.2912
YIQ	89.6040, -95.2290, 2.2670

Conversions

Conversions Part 2

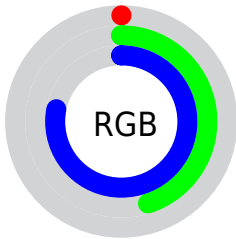
Format	Color
RYB	0, 72, 199
Decimal	29383
CIELab	47.18, 5.61, -51.58
CIELCh	47, 51.888, 276.204
Yxy	16.1581, 0.1839, 0.1820
Android (android.graphics.Color)	4278219463 (0xFF0072C7)
YUV	89.6040, 53.9322, -78.5827
Hunter-Lab	40.1972, 2.1528, -54.8902

Details

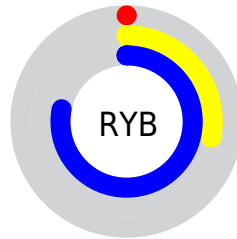
The Hex color **0072C7** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **C75500**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **61A5FF**, and **004390** is the 20% darker color. If you saturate the color by 10%, you get **0072C7**, and if you desaturate by 10%, it is **147BC7**.

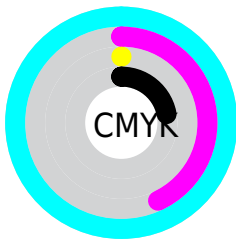
Distribution



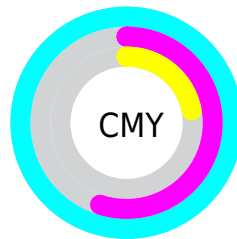
- Red (0%)
- Green (45%)
- Blue (78%)



- Red (0%)
- Yellow (28%)
- Blue (78%)



- Cyan (100%)
- Magenta (43%)
- Yellow (0%)
- Black (22%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 0072C7 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 0072C7 by changing the saturation by 10% instead.

 0072C7


 0072C7

FFFFFF

 005AAB

 61A5FF

 004390

 81C0FF

 002E76

 9FDCFF

 001A5D

 BEF8FF

 000845

 DCFFFF

 00032D

 FBFFFF

 000118

 000000

 0072C7

■ 147BC7

■ 2883C7

■ 3C8CC7

■ 5094C7

■ 649DC7

■ 77A5C7

■ 8BAEC7

■ 9FB6C7

■ B3BFC7

Harmonies

Analogous

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



007EC0



0072C7



7D60B7

Triad

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



0072C7



B94F3F



00824B

Complementary

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



0072C7



C75500

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.



4F7C23



0072C7



A1611B

Square

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



0072C7



BE4569



7D7107



008478

Rectangle

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



0072C7



9F53A1



7D7107



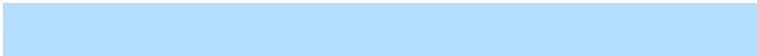
1F803D

Sweetspot

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



0072C7



B3DEFF



00C753



526C80



000000



808080

Same Dimension

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



0072C7



0092FF



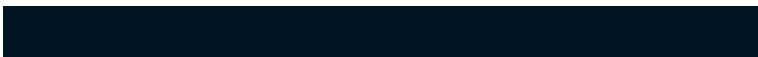
0011C7



5A5F63



005DA3



001424

Inverse Universe

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



C70072



FF0092



C7B600



635A5F



A3005D



240014

Previews

White Background



This preview shows how the Hex color 0072C7 looks on a white background.

Color Contrast Check

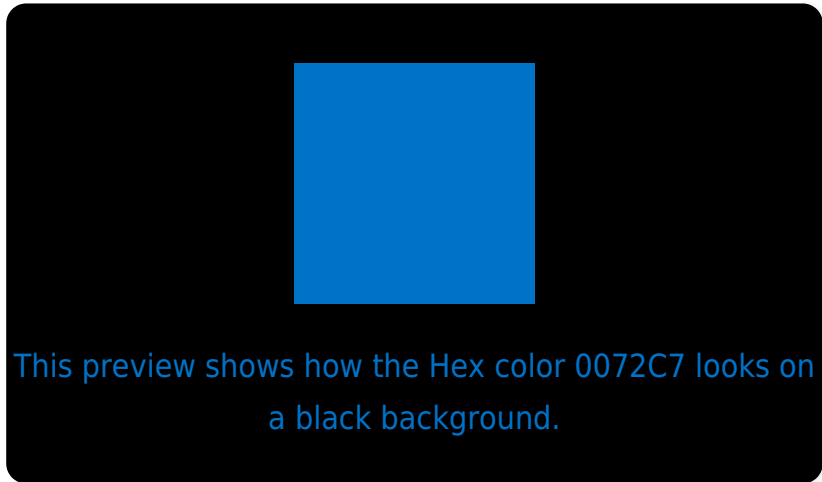
Large Text (above 18pt) WCAG AA ✓ Pass

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

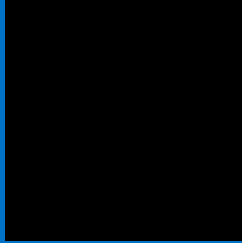
Any Text WCAG AA × Fail

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 0072C7 Background



This preview shows how black text looks on a background with the Hex color 0072C7.

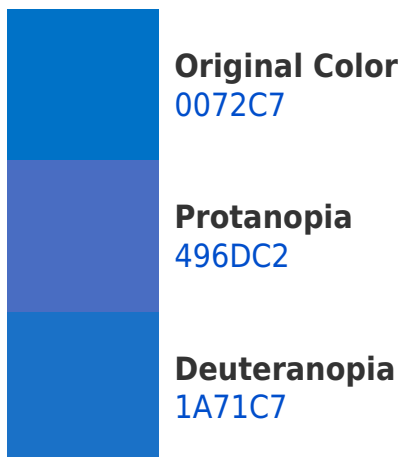


This preview shows how white text looks on a background with the Hex color 0072C7.

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](#).

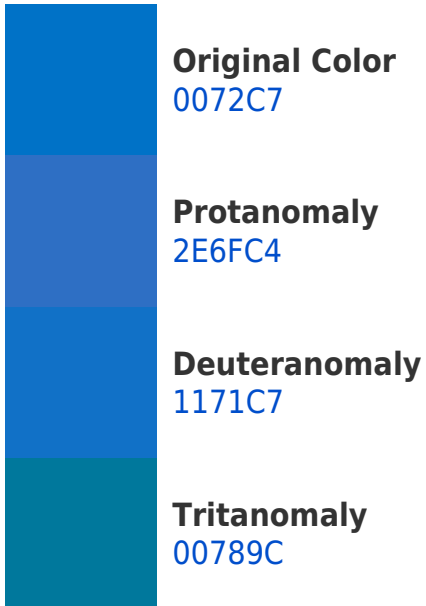
Dichromacy





Tritanopia
007C84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0072C7 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 #0072C7 looks like.

```
.text, #text, p{  
    color:#0072C7  
}
```

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 #0072C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0072C7
}
```

Border

The CSS property to change the border of an element to Hex 0072C7 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
#0072C7 }
```

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

```
.border{ border-color:#0072C7 }
```

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

Here you see how a box with a 4 pixel #0072C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0072C7; -webkit-box-shadow:4px 4px  
4px 4px #0072C7; box-shadow:4px 4px 4px  
4px #0072C7 }
```

Background

The CSS property to change the background color of an element to Hex 0072C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0072C7 }
```

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

```
.background{ background-color:#0072C7 }
```

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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