

Converting Colors

Hex(0071C1)

Have a look what the booklet for
Hex(0071C1) contains.

Hex(0071C1)	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(0071C1)

Conversions

Conversions Part 1

Format	Color
Hex	0071C1
RGB	0, 113, 193
RGB Percent	0%, 44%, 76%
CMY	1.0000, 0.5569, 0.2431
CMYK	1.00, 0.41, 0.00, 0.24
HSL	205°, 100%, 38%
HSV	205°, 100%, 76%
XYZ	15.5308, 15.6605, 52.6563
YIQ	88.3330, -93.0280, 0.9240

Conversions

Conversions Part 2

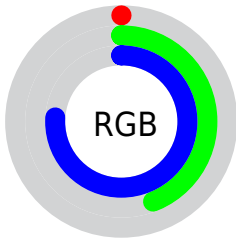
Format	Color
RYB	0, 71, 193
Decimal	29121
CIELab	46.53, 3.84, -49.18
CIELCh	47, 49.332, 274.468
Yxy	15.6605, 0.1852, 0.1868
Android (android.graphics.Color)	4278219201 (0xFF0071C1)
YUV	88.3330, 51.6008, -77.4680
Hunter-Lab	39.5734, 0.7998, -51.1899

Details

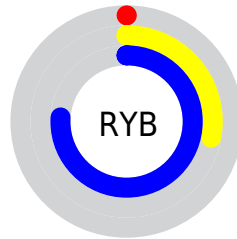
The Hex color **0071C1** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **C15000**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **5FA4FA**, and **00428B** is the 20% darker color. If you saturate the color by 10%, you get **0071C1**, and if you desaturate by 10%, it is **1379C1**.

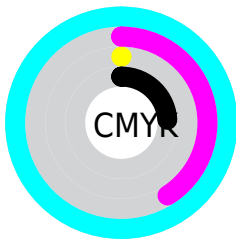
Distribution



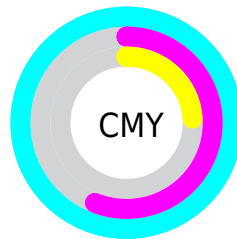
- Red (0%)
- Green (44%)
- Blue (76%)



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



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (24%)




















- Cyan (100%)
- Magenta (56%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0071C1 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 0071C1 by changing the saturation by 10% instead.

 0071C1	 0071C1
 FFFFFFFF	 0059A6
 5FA4FA	 00428B
 7FBFFF	 002D71
 9DDBFF	 001958
 BBF7FF	 000740
 DAFFFF	 000329
 F8FFFF	 000113
	 000000

 0071C1

■ 1379C1

■ 2781C1

■ 3A89C1

■ 4D91C1

■ 6199C1

■ 74A1C1

■ 87A9C1

■ 9AB1C1

■ AEB9C1

Harmonies

Analogous

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



007CB9



0071C1



7761B3

Triad

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



0071C1



B54E42



007F49

Complementary

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



0071C1



C15000

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.



537924



0071C1



9F5F21

Square

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



0071C1



B8466A



7E6E0F



008273

Rectangle

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



0071C1



99549F



7E6E0F



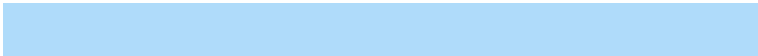
2A7E3B

Sweetspot

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



0071C1



AFDBFA



00C14D



506A7D



FCFCFC



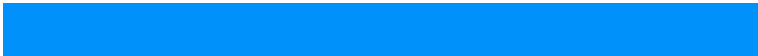
7D7D7D

Same Dimension

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



0071C1



0092FA



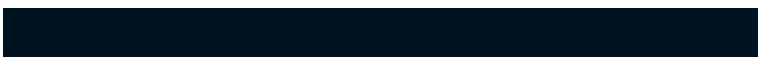
0013C1



575D61



005EA1



001321

Inverse Universe

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



C10071



FA0092



C1AE00



61575D



A1005E



210013

Previews

White Background



This preview shows how the Hex color 0071C1 looks on a white background.

Color Contrast Check

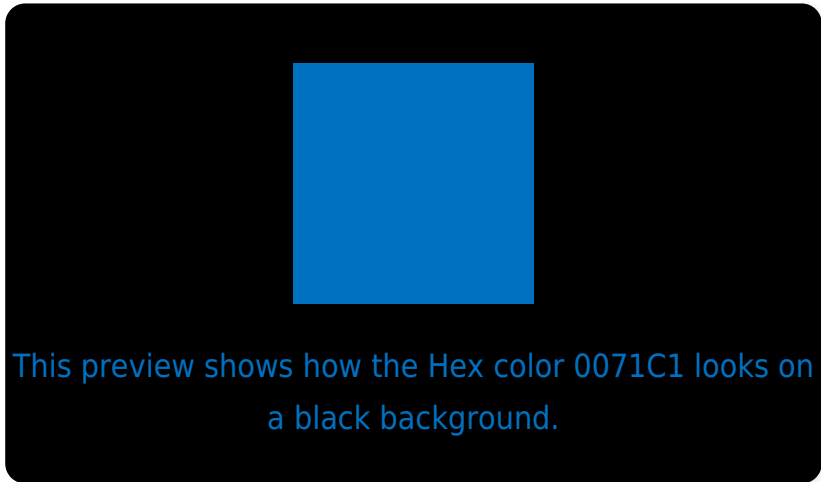
Large Text (above 18pt) WCAG AA ✓ Pass

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

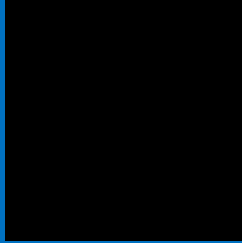
Any Text WCAG AA × Fail

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 0071C1 Background



This preview shows how black text looks on a background with the Hex color 0071C1.

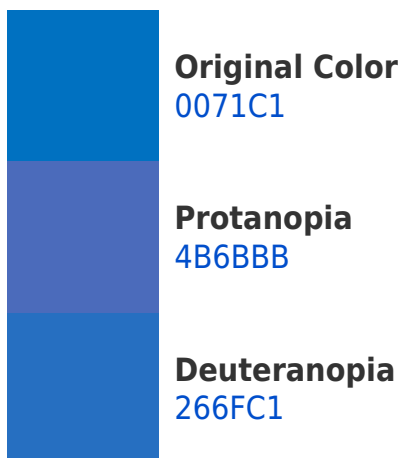


This preview shows how white text looks on a background with the Hex color 0071C1.

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](#).

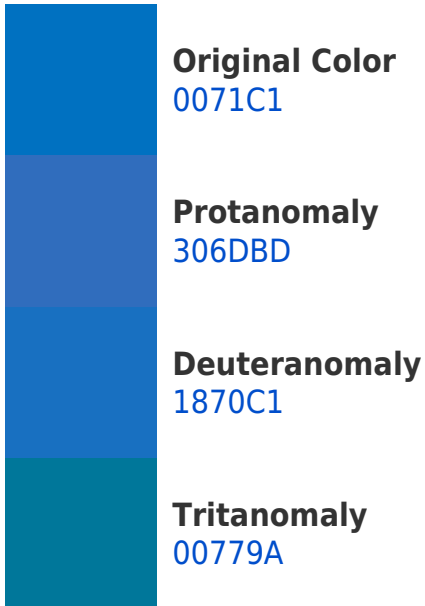
Dichromacy





Tritanopia
007A83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0071C1 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 #0071C1 looks like.

```
.text, #text, p{  
    color:#0071C1  
}
```

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 #0071C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0071C1
}
```

Border

The CSS property to change the border of an element to Hex 0071C1 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
#0071C1 }
```

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

```
.border{ border-color:#0071C1 }
```

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

Here you see how a box with a 4 pixel #0071C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0071C1; -webkit-box-shadow:4px 4px  
4px 4px #0071C1; box-shadow:4px 4px 4px  
4px #0071C1 }
```

Background

The CSS property to change the background color of an element to Hex 0071C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0071C1 }
```

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

```
.background{ background-color:#0071C1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor