

Converting Colors

Hex(0071C6)

Have a look what the booklet for
Hex(0071C6) contains.

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Color

Hex(0071C6)

Conversions

Conversions Part 1

Format	Color
Hex	0071C6
RGB	0, 113, 198
RGB Percent	0%, 44%, 78%
CMY	1.0000, 0.5569, 0.2235
CMYK	1.00, 0.43, 0.00, 0.22
HSL	206°, 100%, 39%
HSV	206°, 100%, 78%
XYZ	16.0982, 15.8875, 55.6442
YIQ	88.9030, -94.6330, 2.4790

Conversions

Conversions Part 2

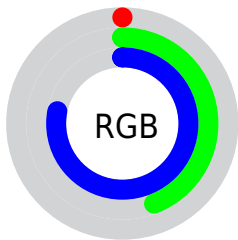
Format	Color
RYB	0, 72, 198
Decimal	29126
CIELab	46.83, 5.84, -51.58
CIElCh	47, 51.908, 276.456
Yxy	15.8875, 0.1837, 0.1813
Android (android.graphics.Color)	4278219206 (0xFF0071C6)
YUV	88.9030, 53.7848, -77.9679
Hunter-Lab	39.8591, 2.3386, -54.8688

Details

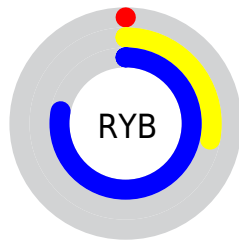
The Hex color **0071C6** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **C65500**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **61A4FF**, and **00428F** is the 20% darker color. If you saturate the color by 10%, you get **0071C6**, and if you desaturate by 10%, it is **1479C6**.

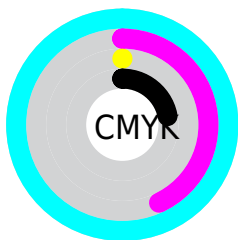
Distribution



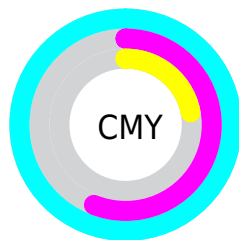
- Red (0%)
- Green (44%)
- Blue (78%)



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



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



- Cyan (100%)
- Magenta (56%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0071C6 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 0071C6 by changing the saturation by 10% instead.

 0071C6

 0071C6

FFFFFF

 0059AA

 61A4FF

 00428F

 80BFFF

 002D75

 9FDBFF

 001A5C

 BDF7FF

 000744

 DCFFFF

 00032D

 FAFFFF

 000117

 000000

 0071C6

 1479C6

 2882C6

 3B8BC6

 4F93C6

 639CC6

 77A4C6

 8BADC6

 9EB5C6

 B2BEC6

Harmonies

Analogous

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



007DBF



0071C6



7C5FB6

Triad

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



0071C6



B84E3E



00814A

Complementary

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



0071C6



C65500

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.



4E7B22



0071C6



A0601A

Square

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



0071C6



BD4467



7C7006



008377

Rectangle

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



0071C6



9F52A0



7C7006



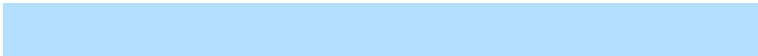
1C803C

Sweetspot

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



0071C6



B3DEFF



00C653



526C80



000000



808080

Same Dimension

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



0071C6



0092FF



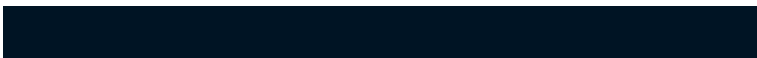
0010C6



5A5F63



005DA3



001424

Inverse Universe

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



C60071



FF0092



C6B600



635A5F



A3005D



240014

Previews

White Background



This preview shows how the Hex color 0071C6 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 0071C6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

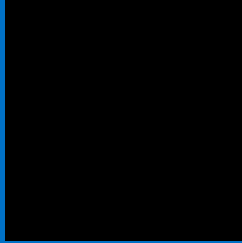
Any Text WCAG AA × Fail

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 0071C6 Background



This preview shows how black text looks on a background with the Hex color 0071C6.

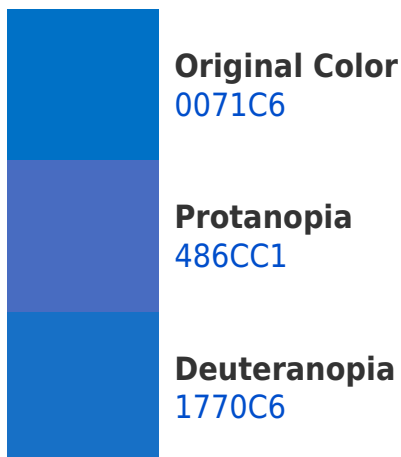


This preview shows how white text looks on a background with the Hex color 0071C6.

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](#).

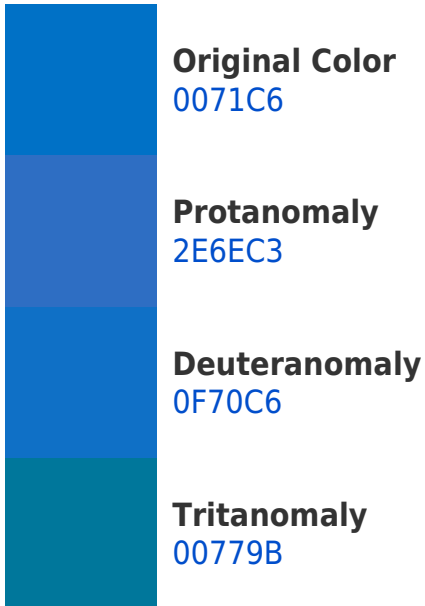
Dichromacy



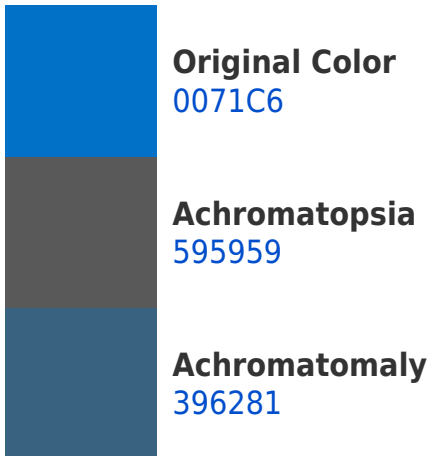


Tritanopia
007B83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0071C6 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 #0071C6 looks like.

```
.text, #text, p{  
    color:#0071C6  
}
```

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 #0071C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0071C6
}
```

Border

The CSS property to change the border of an element to Hex 0071C6 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
#0071C6 }
```

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

```
.border{ border-color:#0071C6 }
```

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

Here you see how a box with a 4 pixel #0071C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0071C6; -webkit-box-shadow:4px 4px  
4px 4px #0071C6; box-shadow:4px 4px 4px  
4px #0071C6 }
```

Background

The CSS property to change the background color of an element to Hex 0071C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0071C6 }
```

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

```
.background{ background-color:#0071C6 }
```

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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