

Converting Colors

Hex(0071B7)

Have a look what the booklet for
Hex(0071B7) contains.

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Color

Hex(0071B7)

Conversions

Conversions Part 1

Format	Color
Hex	0071B7
RGB	0, 113, 183
RGB Percent	0%, 44%, 72%
CMY	1.0000, 0.5569, 0.2824
CMYK	1.00, 0.38, 0.00, 0.28
HSL	203°, 100%, 36%
HSV	203°, 100%, 72%
XYZ	14.4524, 15.2292, 46.9775
YIQ	87.1930, -89.8180, -2.1860

Conversions

Conversions Part 2

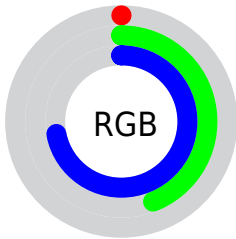
Format	Color
RYB	0, 70, 183
Decimal	29111
CIELab	45.95, -0.14, -44.32
CIELCh	46, 44.322, 269.821
Yxy	15.2292, 0.1885, 0.1987
Android (android.graphics.Color)	4278219191 (0xFF0071B7)
YUV	87.1930, 47.2329, -76.4683
Hunter-Lab	39.0245, -2.1872, -44.0558

Details

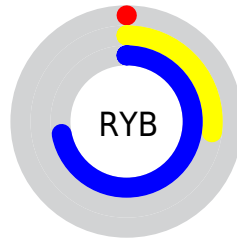
The Hex color **0071B7** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **B74600**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **5DA4EF**, and **004281** is the 20% darker color. If you saturate the color by 10%, you get **0071B7**, and if you desaturate by 10%, it is **1278B7**.

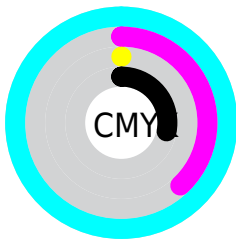
Distribution



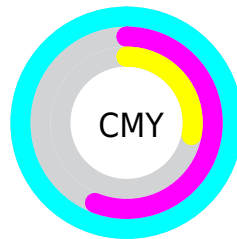
- Red (0%)
- Green (44%)
- Blue (72%)



- Red (0%)
- Yellow (27%)
- Blue (72%)



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (28%)



- Cyan (100%)
- Magenta (56%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0071B7 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 0071B7 by changing the saturation by 10% instead.

0071B7

0071B7

FFFFFF

00599C

5DA4EF

004281

7CBFFF

002C68

9ADBFF

00194F

B8F8FF

000538

D6FFFF

000221

F4FFFF

000007

000000

0071B7

 1278B7

 257FB7

 3786B7

 498DB7

 5C94B7

 6E9BB7

 80A2B7

 92A9B7

 A5B0B7

Harmonies

Analogous

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



007AAC



0071B7



6D63AD

Triad

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



0071B7



AF4F4A



267C46

Complementary

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



0071B7



B74600

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.



5C7528



0071B7



9E5D2C

Square

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



0071B7



AF4B6F



816B1D



007F6B

Rectangle

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



0071B7



8E599D



816B1D



3C7A3B

Sweetspot

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



0071B7



A6D2ED



00B743



4D6778



F7F7F7



787878

Same Dimension

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



0071B7



0092ED



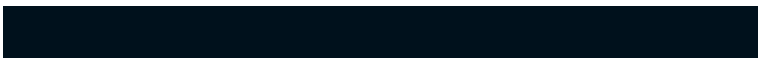
0018B7



53585C



00609C



00111C

Inverse Universe

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



B70071



ED0092



B79F00



5C5358



9C0060



1C0011

Previews

White Background



This preview shows how the Hex color 0071B7 looks on a white background.

Color Contrast Check

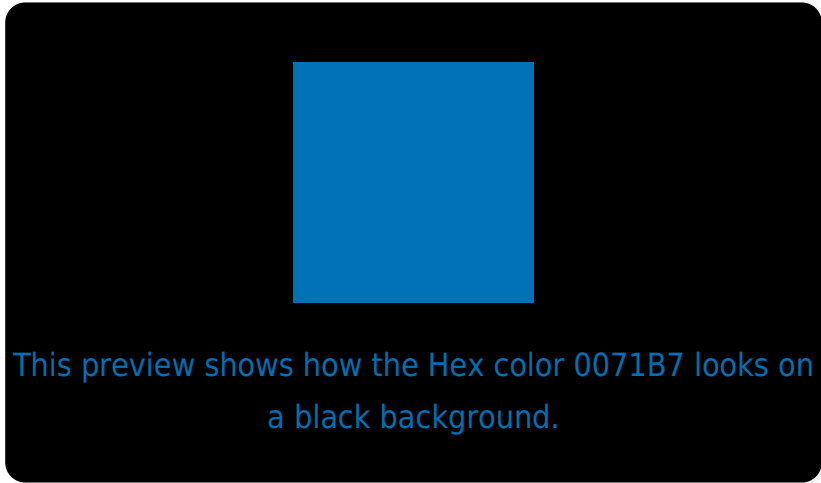
Large Text (above 18pt) WCAG AA ✓ Pass

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

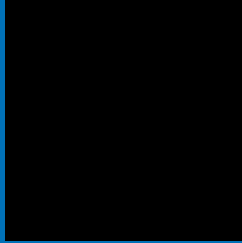
Any Text WCAG AA × Fail

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 0071B7 Background



This preview shows how black text looks on a background with the Hex color 0071B7.

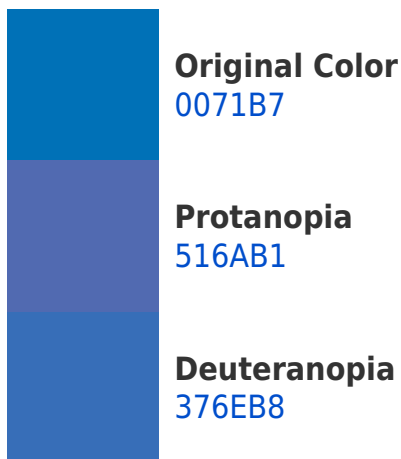


This preview shows how white text looks on a background with the Hex color 0071B7.

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](#).

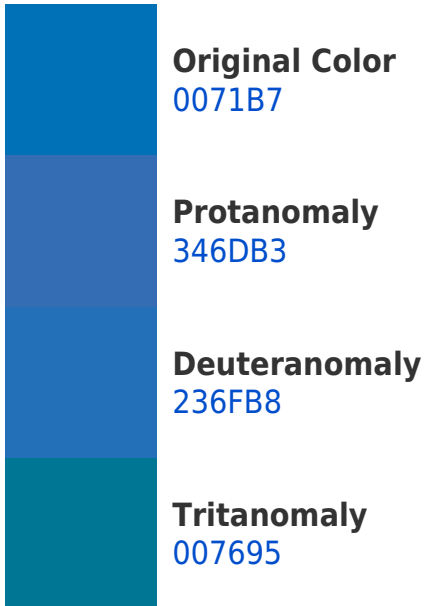
Dichromacy



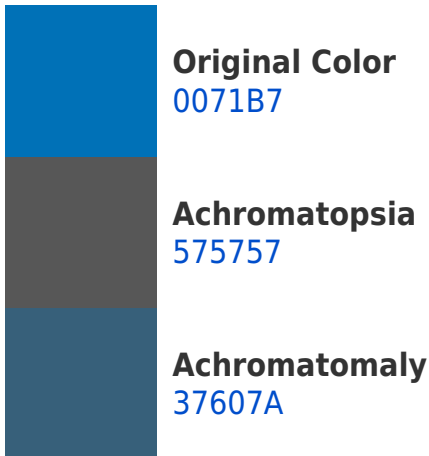


Tritanopia
007981

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0071B7 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 #0071B7 looks like.

```
.text, #text, p{  
    color:#0071B7  
}
```

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 #0071B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0071B7
}
```

Border

The CSS property to change the border of an element to Hex 0071B7 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
#0071B7 }
```

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

```
.border{ border-color:#0071B7 }
```

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

Here you see how a box with a 4 pixel #0071B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0071B7; -webkit-box-shadow:4px 4px  
4px 4px #0071B7; box-shadow:4px 4px 4px  
4px #0071B7 }
```

Background

The CSS property to change the background color of an element to Hex 0071B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0071B7 }
```

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

```
.background{ background-color:#0071B7 }
```

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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