

Converting Colors

Hex(0074B1)

Have a look what the booklet for
Hex(0074B1) contains.

Hex(0074B1)	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(0074B1)

Conversions

Conversions Part 1

Format	Color
Hex	0074B1
RGB	0, 116, 177
RGB Percent	0%, 45%, 69%
CMY	1.0000, 0.5451, 0.3059
CMYK	1.00, 0.34, 0.00, 0.31
HSL	201°, 100%, 35%
HSV	201°, 100%, 69%
XYZ	14.1812, 15.6651, 43.8712
YIQ	88.2700, -88.7170, -5.6210

Conversions

Conversions Part 2

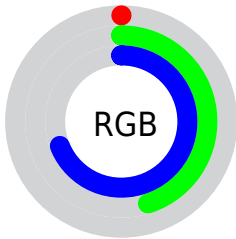
Format	Color
RYB	0, 70, 177
Decimal	29873
CIELab	46.53, -4.34, -39.91
CIElCh	47, 40.141, 263.790
Yxy	15.6651, 0.1924, 0.2125
Android (android.graphics.Color)	4278219953 (0xFF0074B1)
YUV	88.2700, 43.7439, -77.4128
Hunter-Lab	39.5792, -5.3071, -38.0141

Details

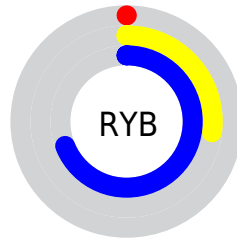
The Hex color **0074B1** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **B13D00**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **5BA8E9**, and **00447C** is the 20% darker color. If you saturate the color by 10%, you get **0074B1**, and if you desaturate by 10%, it is **127AB1**.

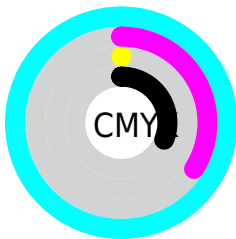
Distribution



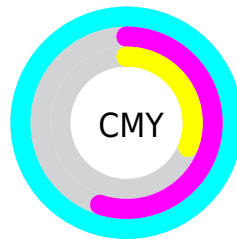
- Red (0%)
- Green (45%)
- Blue (69%)



- Red (0%)
- Yellow (27%)
- Blue (69%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (55%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0074B1 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 0074B1 by changing the saturation by 10% instead.

0074B1

0074B1

FFFFFF

005C96

5BA8E9

00447C

7AC3FF

002F63

98DFFF

001B4A

B6FBFF

000433

D3FFFF

00021D

F2FFFF

000000

0074B1

127AB1

■ 2380B1

■ 3586B1

■ 478CB1

■ 5993B1

■ 6A99B1

■ 7C9FB1

■ 8EA5B1

■ 9FABB1

Harmonies

Analogous

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



007CA4



0074B1



6568AC

Triad

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



0074B1



AC5355



3E7B45

Complementary

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



0074B1



B13D00

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.



67742D



0074B1



A05D39

Square

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



0074B1



A85277



876A29



007F66

Rectangle

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



0074B1



855F9F



876A29



4D793C

Sweetspot

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



0074B1



A1CEE6



00B13B



496573



F2F2F2



737373

Same Dimension

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



0074B1



0096E6



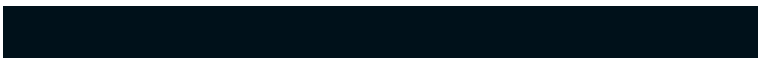
001EB1



505659



006499



00111A

Inverse Universe

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



B10074



E60096



B19400



595056



990064



1A0011

Previews

White Background



This preview shows how the Hex color 0074B1 looks on a white background.

Color Contrast Check

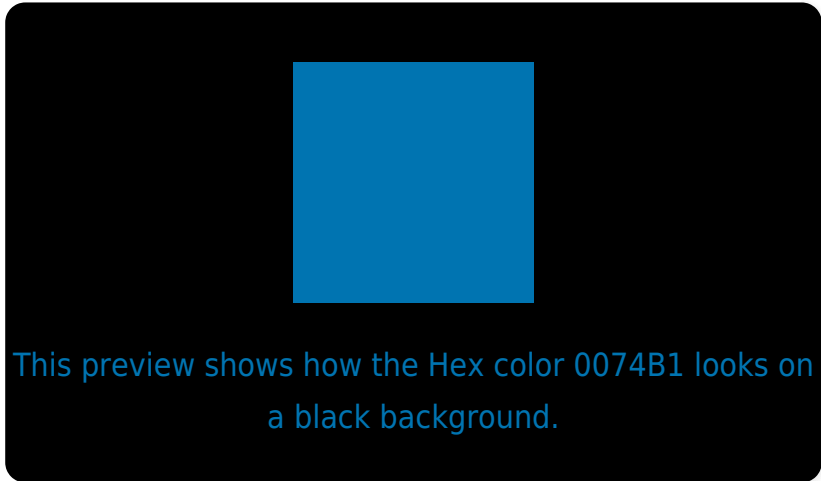
Large Text (above 18pt) WCAG AA ✓ Pass

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

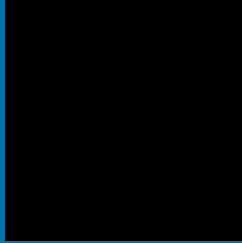
Any Text WCAG AA × Fail

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 0074B1 Background



This preview shows how black text looks on a background with the Hex color 0074B1.

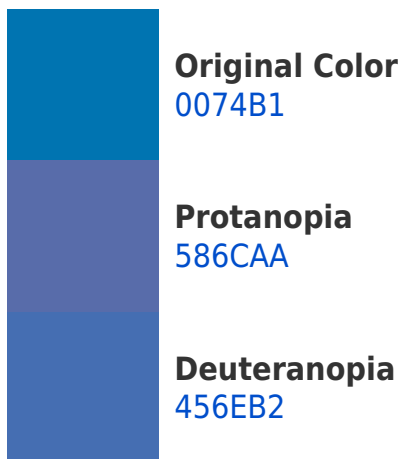


This preview shows how white text looks on a background with the Hex color 0074B1.

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



Original Color
0074B1

Protanomaly
386FAD

Deuteranomaly
2C70B2

Tritanomaly
007894

Monochromacy



Original Color
0074B1

Achromatopsia
585858

Achromatomaly
386278

CSS Examples

Text

The CSS property to change the color of the text to Hex 0074B1 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 #0074B1 looks like.

```
.text, #text, p{  
    color:#0074B1  
}
```

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 #0074B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0074B1
}
```

Border

The CSS property to change the border of an element to Hex 0074B1 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
#0074B1 }
```

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

```
.border{ border-color:#0074B1 }
```

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

Here you see how a box with a 4 pixel #0074B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0074B1; -webkit-box-shadow:4px 4px  
4px 4px #0074B1; box-shadow:4px 4px 4px  
4px #0074B1 }
```

Background

The CSS property to change the background color of an element to Hex 0074B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0074B1 }
```

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

```
.background{ background-color:#0074B1 }
```

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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