

Converting Colors

Hex(0076B7)

Have a look what the booklet for
Hex(0076B7) contains.

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Color

Hex(0076B7)

Conversions

Conversions Part 1

Format	Color
Hex	0076B7
RGB	0, 118, 183
RGB Percent	0%, 46%, 72%
CMY	1.0000, 0.5373, 0.2824
CMYK	1.00, 0.36, 0.00, 0.28
HSL	201°, 100%, 36%
HSV	201°, 100%, 72%
XYZ	15.0257, 16.3758, 47.1686
YIQ	90.1280, -91.1930, -4.8010

Conversions

Conversions Part 2

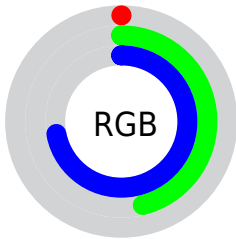
Format	Color
RYB	0, 72, 183
Decimal	30391
CIELab	47.46, -3.19, -41.91
CIElCh	47, 42.032, 265.641
Yxy	16.3758, 0.1912, 0.2084
Android (android.graphics.Color)	4278220471 (0xFF0076B7)
YUV	90.1280, 45.7859, -79.0423
Hunter-Lab	40.4670, -4.5389, -40.7820

Details

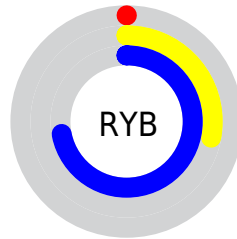
The Hex color **0076B7** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **B74100**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **5DAAEF**, and **004682** is the 20% darker color. If you saturate the color by 10%, you get **0076B7**, and if you desaturate by 10%, it is **127DB7**.

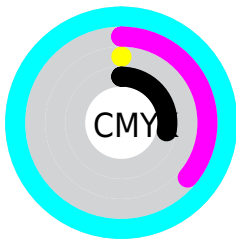
Distribution



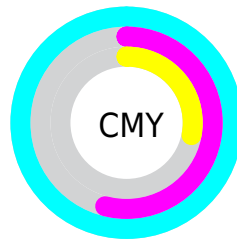
- Red (0%)
- Green (46%)
- Blue (72%)



- Red (0%)
- Yellow (28%)
- Blue (72%)



- Cyan (100%)
- Magenta (36%)
- Yellow (0%)
- Black (28%)



- Cyan (100%)
- Magenta (54%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0076B7 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 0076B7 by changing the saturation by 10% instead.

0076B7

0076B7

FFFFFF

005E9C

5DAAEF

004682

7CC5FF

003068

9AE1FF

001C4F

B8FDFF

000538

D6FFFF

000222

F4FFFF

000007

000000

0076B7

 127DB7

 2583B7

 378AB7

 4990B7

 5C97B7

 6E9DB7

 80A4B7

 92AAB7

 A5B1B7

Harmonies

Analogous

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



007EAA



0076B7



6A69B1

Triad

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



0076B7



B15454



397E47

Complementary

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



0076B7



B74100

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.



66782D



0076B7



A36037

Square

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



0076B7



AE5277



896D27



00826A

Rectangle

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



0076B7



8B60A2



896D27



4A7D3D

Sweetspot

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



0076B7



A6D4ED



00B740



4D6978



F7F7F7



787878

Same Dimension

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



0076B7



0099ED



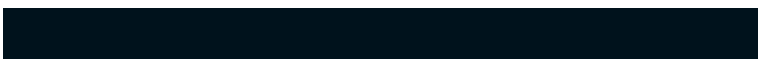
001BB7



53595C



00649C



00121C

Inverse Universe

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



B70076



ED0099



B79C00



5C5359



9C0064



1C0012

Previews

White Background



This preview shows how the Hex color 0076B7 looks on a white background.

Color Contrast Check

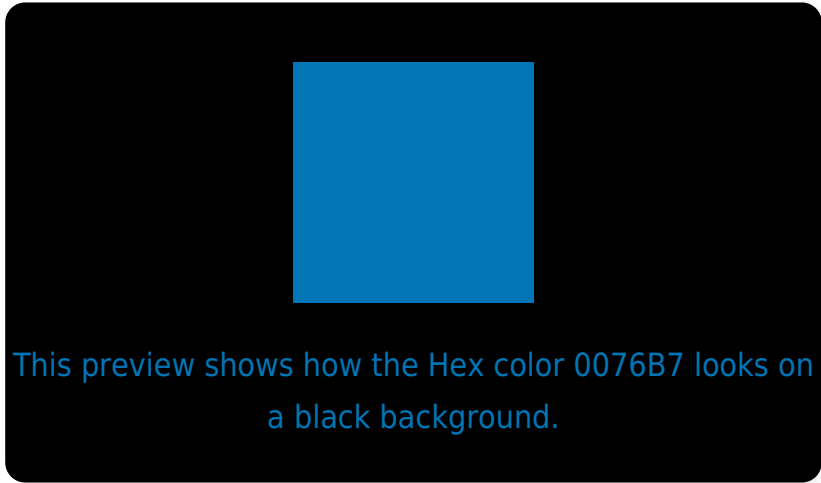
Large Text (above 18pt) WCAG AA ✓ Pass

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

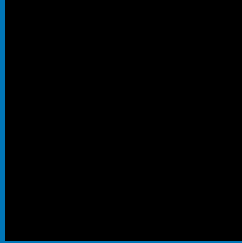
Any Text WCAG AA × Fail

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 0076B7 Background



This preview shows how black text looks on a background with the Hex color 0076B7.



This preview shows how white text looks on a background with the Hex color 0076B7.

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](#).

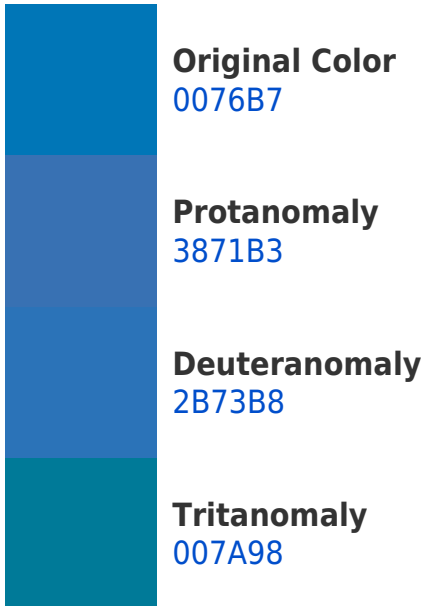
Dichromacy





Tritanopia
007D86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0076B7 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 #0076B7 looks like.

```
.text, #text, p{  
    color:#0076B7  
}
```

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 #0076B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0076B7
}
```

Border

The CSS property to change the border of an element to Hex 0076B7 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
#0076B7 }
```

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

```
.border{ border-color:#0076B7 }
```

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

Here you see how a box with a 4 pixel #0076B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0076B7; -webkit-box-shadow:4px 4px  
4px 4px #0076B7; box-shadow:4px 4px 4px  
4px #0076B7 }
```

Background

The CSS property to change the background color of an element to Hex 0076B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0076B7 }
```

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

```
.background{ background-color:#0076B7 }
```

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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