

Converting Colors

Hex(0077C4)

Have a look what the booklet for
Hex(0077C4) contains.

Hex(0077C4)	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(0077C4)

Conversions

Conversions Part 1

Format	Color
Hex	0077C4
RGB	0, 119, 196
RGB Percent	0%, 47%, 77%
CMY	1.0000, 0.5333, 0.2314
CMYK	1.00, 0.39, 0.00, 0.23
HSL	204°, 100%, 38%
HSV	204°, 100%, 77%
XYZ	16.5606, 17.1792, 54.6676
YIQ	92.1970, -95.6410, -1.2810

Conversions

Conversions Part 2

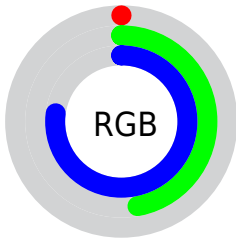
Format	Color
RYB	0, 74, 196
Decimal	30660
CIELab	48.49, 1.31, -47.78
CIELCh	48, 47.797, 271.573
Yxy	17.1792, 0.1873, 0.1943
Android (android.graphics.Color)	4278220740 (0xFF0077C4)
YUV	92.1970, 51.1749, -80.8568
Hunter-Lab	41.4478, -1.2132, -49.1872

Details

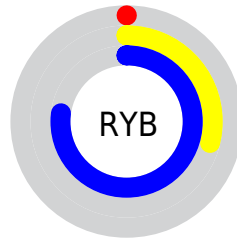
The Hex color **0077C4** is a dark color, and the websafe version is hex **336699**. The color can be described as dark washed azure. A complement of this color would be **C44D00**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **60ABFD**, and **00478E** is the 20% darker color. If you saturate the color by 10%, you get **0077C4**, and if you desaturate by 10%, it is **147FC4**.

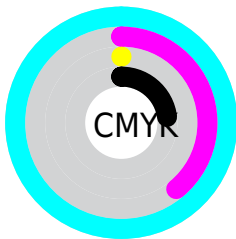
Distribution



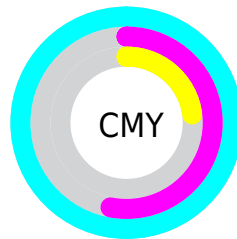
- Red (0%)
- Green (47%)
- Blue (77%)



- Red (0%)
- Yellow (29%)
- Blue (77%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (23%)




















- Cyan (100%)
- Magenta (53%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0077C4 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 0077C4 by changing the saturation by 10% instead.

 0077C4	 0077C4
 FFFFFFFF	 005FA8
 60ABFD	 00478E
 80C6FF	 003274
 9EE2FF	 001E5B
 BDFEFF	 000743
 DBFFFF	 00032B
 FAFFFF	 000116
	 000000

 0077C4

 147FC4

 2786C4

 3B8EC4

 4E96C4

 629EC4

 76A5C4

 89ADC4

 9DB5C4

 B0BCC4

Harmonies

Analogous

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



0081BA



0077C4



7768B8

Triad

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



0077C4



BA534B



1D844B

Complementary

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



0077C4



C44D00

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.



5E7D29



0077C4



A6632B

Square

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



0077C4



BB4D73



86721A



008774

Rectangle

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



0077C4



995CA6



86721A



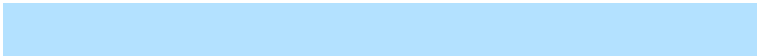
3A823E

Sweetspot

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



0077C4



B3E1FF



00C44B



526D80



000000



808080

Same Dimension

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



0077C4



009BFF



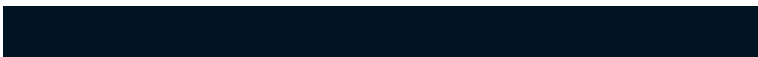
0017C4



575D61



0062A1



001421

Inverse Universe

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



C40077



FF009B



C4AD00



61575D



A10062



210014

Previews

White Background



This preview shows how the Hex color 0077C4 looks on a white background.

Color Contrast Check

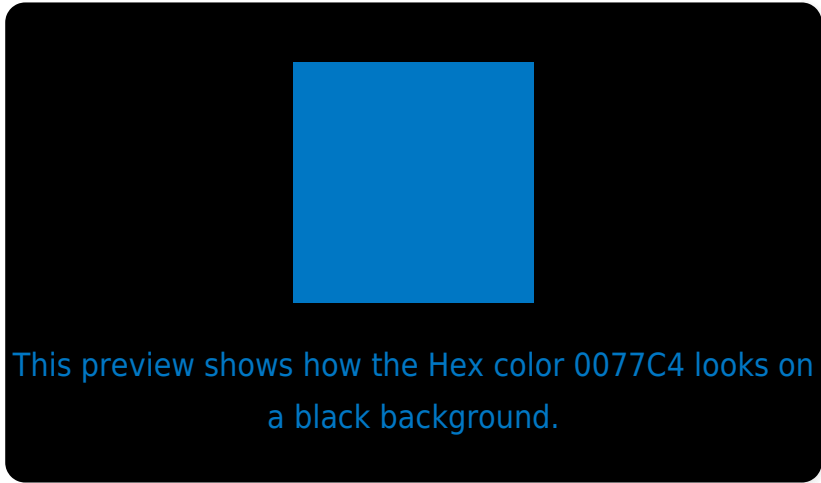
Large Text (above 18pt) WCAG AA ✓ Pass

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

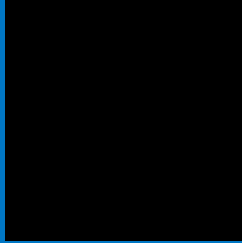
Any Text WCAG AA × Fail

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 0077C4 Background



This preview shows how black text looks on a background with the Hex color 0077C4.

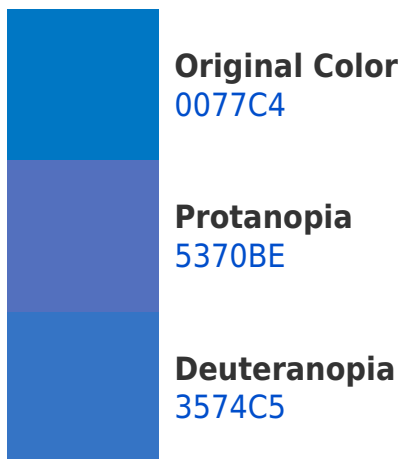


This preview shows how white text looks on a background with the Hex color 0077C4.

Color Blindness Simulation

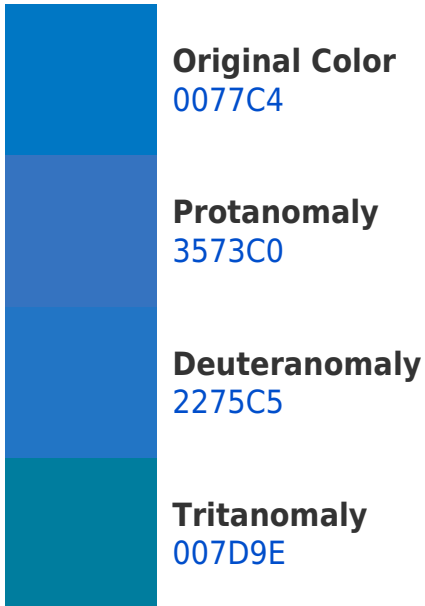
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0077C4 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 #0077C4 looks like.

```
.text, #text, p{  
    color:#0077C4  
}
```

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 #0077C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0077C4
}
```

Border

The CSS property to change the border of an element to Hex 0077C4 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
#0077C4 }
```

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

```
.border{ border-color:#0077C4 }
```

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

Here you see how a box with a 4 pixel #0077C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0077C4; -webkit-box-shadow:4px 4px  
4px 4px #0077C4; box-shadow:4px 4px 4px  
4px #0077C4 }
```

Background

The CSS property to change the background color of an element to Hex 0077C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0077C4 }
```

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

```
.background{ background-color:#0077C4 }
```

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