

Converting Colors

Hex(0077CE)

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

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Color

Hex(0077CE)

Conversions

Conversions Part 1

Format	Color
Hex	0077CE
RGB	0, 119, 206
RGB Percent	0%, 47%, 81%
CMY	1.0000, 0.5333, 0.1922
CMYK	1.00, 0.42, 0.00, 0.19
HSL	205°, 100%, 40%
HSV	205°, 100%, 81%
XYZ	17.7374, 17.6499, 60.8644
YIQ	93.3370, -98.8510, 1.8290

Conversions

Conversions Part 2

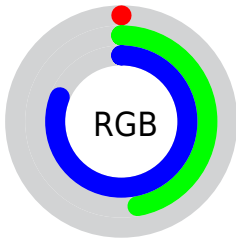
Format	Color
RYB	0, 75, 206
Decimal	30670
CIELab	49.07, 5.26, -52.56
CIElCh	49, 52.827, 275.715
Yxy	17.6499, 0.1843, 0.1834
Android (android.graphics.Color)	4278220750 (0xFF0077CE)
YUV	93.3370, 55.5429, -81.8565
Hunter-Lab	42.0118, 1.8423, -56.4880

Details

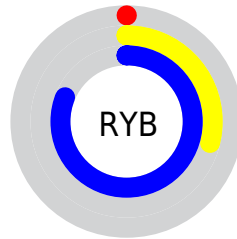
The Hex color **0077CE** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **CE5700**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **63ABFF**, and **004897** is the 20% darker color. If you saturate the color by 10%, you get **0077CE**, and if you desaturate by 10%, it is **1580CE**.

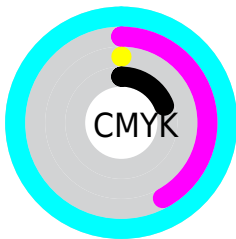
Distribution



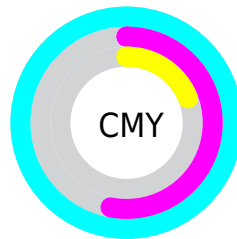
- Red (0%)
- Green (47%)
- Blue (81%)



- Red (0%)
- Yellow (29%)
- Blue (81%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (19%)



- Cyan (100%)
- Magenta (53%)
- Yellow (19%)

Brightness & Saturation Gradients

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

 0077CE

 0077CE

FFFFFF

 005FB2

 63ABFF

 004897

 83C6FF

 00327D

 A2E2FF

 001E63

 C0FEFF

 00084B

 DFFFFF

 000433

FEFFFF

 00021D

 000000

 0077CE

■ 1580CE

■ 2988CE

■ 3E91CE

■ 529ACE

■ 67A3CE

■ 7CABCE

■ 90B4CE

■ A5BDCE

■ B9C5CE

Harmonies

Analogous

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



0083C6



0077CE



8165BE

Triad

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



0077CE



C05243



00874E

Complementary

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



0077CE



CE5700

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.



548125



0077CE



A8651F

Square

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



0077CE



C5496E



83750B



008A7C

Rectangle

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



0077CE



A457A8



83750B



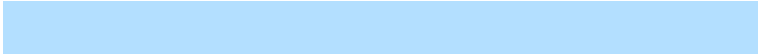
24853F

Sweetspot

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



0077CE



B3DFFF



00CE56



526C80



000000



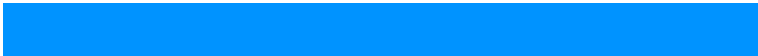
808080

Same Dimension

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



0077CE



0093FF



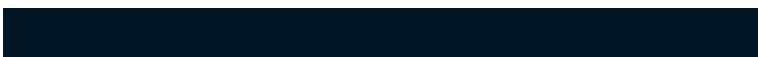
0011CE



5C6266



0060A6



001626

Inverse Universe

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



CE0077



FF0093



CEBD00



665C62



A60060



260016

Previews

White Background



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

Color Contrast Check

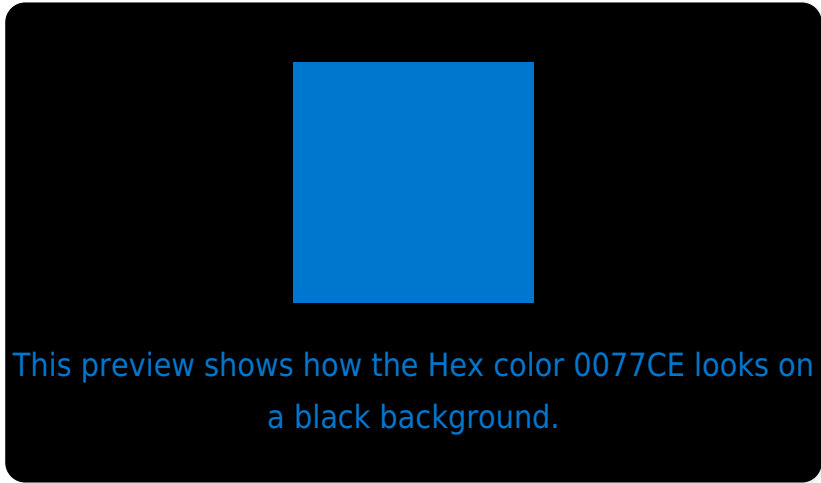
Large Text (above 18pt) WCAG AA ✓ Pass

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

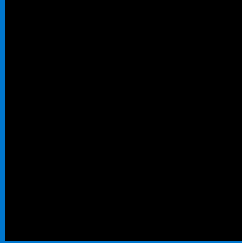
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0077CE Background



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



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

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](#).

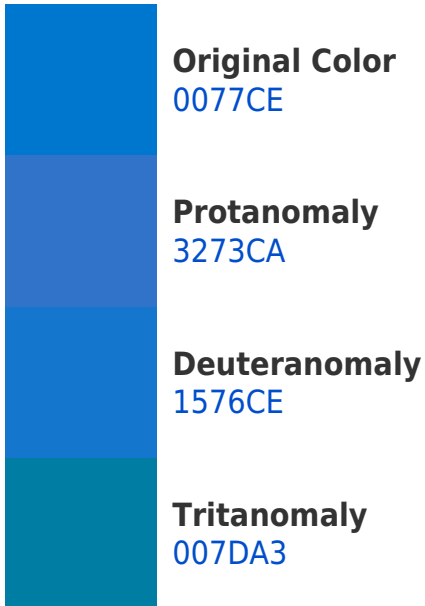
Dichromacy





Tritanopia
00818A

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #0077CE colored shadow looks like.

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

Border

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

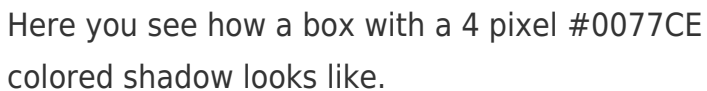
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0077CE }
```

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

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

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



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

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

Background

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

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

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

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

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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