

Converting Colors

Hex(0076CC)

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

Hex(0076CC)	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(0076CC)

Conversions

Conversions Part 1

Format	Color
Hex	0076CC
RGB	0, 118, 204
RGB Percent	0%, 46%, 80%
CMY	1.0000, 0.5373, 0.2000
CMYK	1.00, 0.42, 0.00, 0.20
HSL	205°, 100%, 40%
HSV	205°, 100%, 80%
XYZ	17.3775, 17.3165, 59.5533
YIQ	92.5220, -97.9340, 1.7300

Conversions

Conversions Part 2

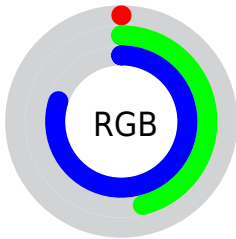
Format	Color
RYB	0, 75, 204
Decimal	30412
CIELab	48.66, 5.09, -52.08
CIELCh	49, 52.332, 275.584
Yxy	17.3165, 0.1844, 0.1837
Android (android.graphics.Color)	4278220492 (0xFF0076CC)
YUV	92.5220, 54.9587, -81.1418
Hunter-Lab	41.6131, 1.7182, -55.7218

Details

The Hex color **0076CC** 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 **CC5600**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **62AAFF**, and **004795** is the 20% darker color. If you saturate the color by 10%, you get **0076CC**, and if you desaturate by 10%, it is **147FCC**.

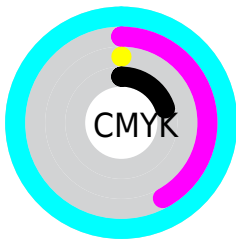
Distribution



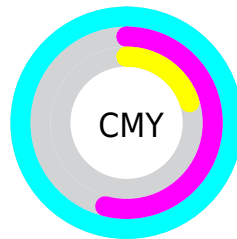
- Red (0%)
- Green (46%)
- Blue (80%)



- Red (0%)
- Yellow (29%)
- Blue (80%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (54%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 0076CC

 0076CC

FFFFFF

 005EB0

 62AAFF

 004795

 82C5FF

 00317B

 A1E0FF

 001D61

 C0FDFF

 000949

 DEFFFF

 000431

FDFFFF

 00011C

 000000

 0076CC

■ 147FCC

■ 2987CC

■ 3D90CC

■ 5298CC

■ 66A1CC

■ 7AAACC

■ 8FB2CC

■ A3BBCC

■ B8C3CC

Harmonies

Analogous

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



0082C4



0076CC



7F64BC

Triad

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



0076CC



BE5242



00864D

Complementary

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



0076CC



CC5600

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.



547F25



0076CC



A6641F

Square

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



0076CC



C3486D



82740B



00887B

Rectangle

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



0076CC



A357A6



82740B



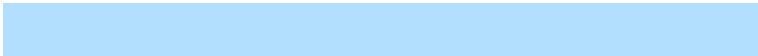
25843F

Sweetspot

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



0076CC



B3DFFF



00CC55



526C80



000000



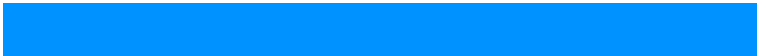
808080

Same Dimension

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



0076CC



0093FF



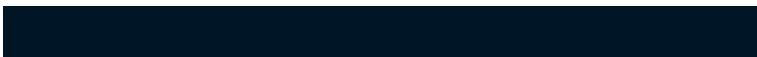
0011CC



5C6266



0060A6



001626

Inverse Universe

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



CC0076



FF0093



CCBB00



665C62



A60060



260016

Previews

White Background



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

Color Contrast Check

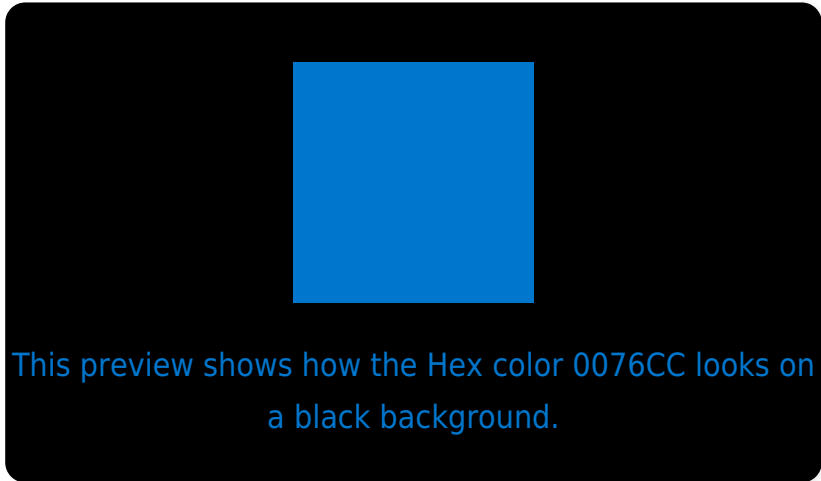
Large Text (above 18pt) WCAG AA ✓ Pass

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

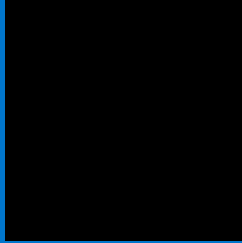
Any Text WCAG AA × Fail

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 0076CC Background



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

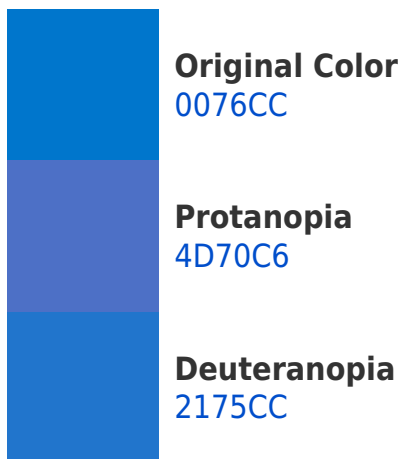


This preview shows how white text looks on a background with the Hex color 0076CC.

Color Blindness Simulation

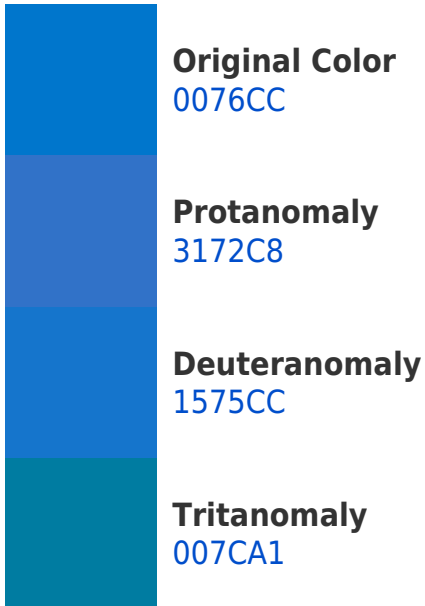
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #0076CC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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