

Converting Colors

Hex(0077DA)

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

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Color

Hex(0077DA)

Conversions

Conversions Part 1

Format	Color
Hex	0077DA
RGB	0, 119, 218
RGB Percent	0%, 47%, 85%
CMY	1.0000, 0.5333, 0.1451
CMYK	1.00, 0.45, 0.00, 0.15
HSL	207°, 100%, 43%
HSV	207°, 100%, 85%
XYZ	19.2517, 18.2556, 68.8387
YIQ	94.7050, -102.7030, 5.5610

Conversions

Conversions Part 2

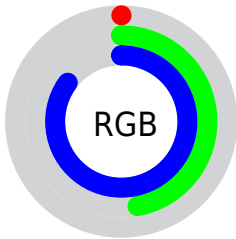
Format	Color
RYB	0, 77, 218
Decimal	30682
CIELab	49.80, 10.00, -58.20
CIELCh	50, 59.050, 279.748
Yxy	18.2556, 0.1810, 0.1717
Android (android.graphics.Color)	4278220762 (0xFF0077DA)
YUV	94.7050, 60.7844, -83.0563
Hunter-Lab	42.7266, 5.6569, -65.6161

Details

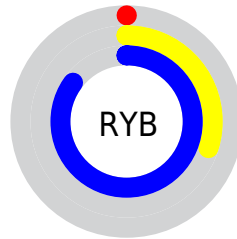
The Hex color **0077DA** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **DA6300**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **66ABFF**, and **0048A2** is the 20% darker color. If you saturate the color by 10%, you get **0077DA**, and if you desaturate by 10%, it is **1681DA**.

Distribution



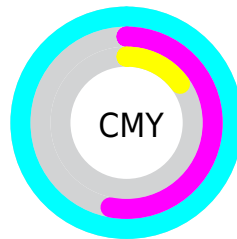
- Red (0%)
- Green (47%)
- Blue (85%)



- Red (0%)
- Yellow (30%)
- Blue (85%)



- Cyan (100%)
- Magenta (45%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (53%)
- Yellow (15%)

Brightness & Saturation Gradients

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

 0077DA

 0077DA

FFFFFF

 005FBE

 66ABFF

 0048A2

 87C6FF

 003287

 A6E1FF

 001F6D

 C5FEFF

 000455

 E4FFFF

 00063C

 000226

 00010E

 000000

■ 0077DA

■ 1681DA

■ 2C8BDA

■ 4195DA

■ 579FDA

■ 6DA8DA

■ 83B2DA

■ 99BCDA

■ AEC6DA

■ C4D0DA

Harmonies

Analogous

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



0085D5



0077DA



8D61C4

Triad

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



0077DA



C65139



008B52

Complementary

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



0077DA



DA6300

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.



488520



0077DA



A96709

Square

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



0077DA



D04268



7F7900



008E86

Rectangle

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



0077DA



B251AA



7F7900



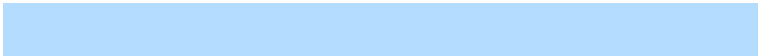
008A41

Sweetspot

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



0077DA



B3DCFF



00DA62



526B80



000000



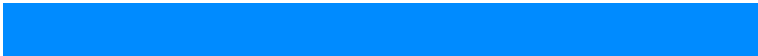
808080

Same Dimension

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



0077DA



008BFF



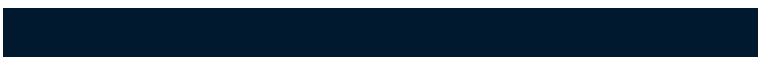
000BDA



63696E



005FAD



00192E

Inverse Universe

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



DA0077



FF008B



DACF00



6E6369



AD005F



2E0019

Previews

White Background



This preview shows how the Hex color 0077DA 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



This preview shows how the Hex color 0077DA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

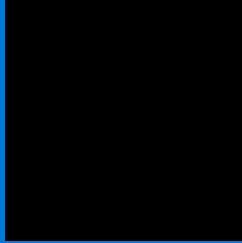
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

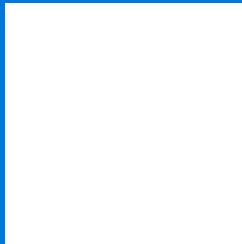
Any Text WCAG AAA × Fail

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

Hex 0077DA Background



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

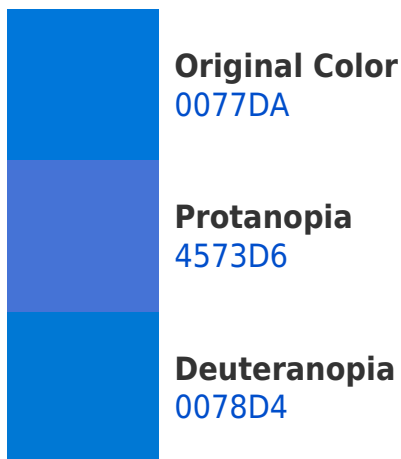


This preview shows how white text looks on a background with the Hex color 0077DA.

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
00838C

Trichromacy



Original Color
0077DA

Protanomaly
2C74D7

Deuteranomaly
0078D6

Tritanomaly
007FA8

Monochromacy



Original Color
0077DA

Achromatopsia
5F5F5F

Achromatomaly
3C688C

CSS Examples

Text

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

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

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 #0077DA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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