

# Converting Colors

Hex(0073DB)

Have a look what the booklet for  
Hex(0073DB) contains.

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**Color**

**Hex(0073DB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0073DB
RGB	0, 115, 219
RGB Percent	0%, 45%, 86%
CMY	1.0000, 0.5490, 0.1412
CMYK	1.00, 0.47, 0.00, 0.14
HSL	208°, 100%, 43%
HSV	208°, 100%, 86%
XYZ	18.9169, 17.3759, 69.3747
YIQ	92.4710, -101.9240, 7.9640

# Conversions

## Conversions Part 2

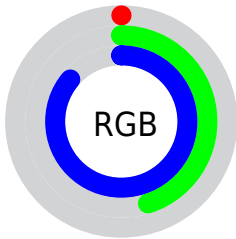
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 75, 219
Decimal	29659
CIELab	48.73, 12.92, -60.49
CIELCh	49, 61.858, 282.053
Yxy	17.3759, 0.1790, 0.1644
Android (android.graphics.Color)	4278219739 (0xFF0073DB)
YUV	92.4710, 62.3788, -81.0971
Hunter-Lab	41.6845, 8.0577, -69.4962

# Details

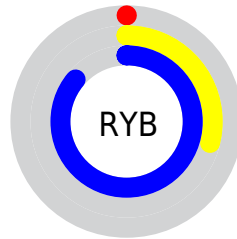
The Hex color **0073DB** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **DB6800**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **67A6FF**, and **0044A3** is the 20% darker color. If you saturate the color by 10%, you get **0073DB**, and if you desaturate by 10%, it is **167DDB**.

# Distribution



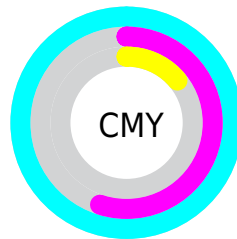
- Red (0%)
- Green (45%)
- Blue (86%)



- Red (0%)
- Yellow (29%)
- Blue (86%)



- Cyan (100%)
- Magenta (47%)
- Yellow (0%)
- Black (14%)



- Cyan (100%)
- Magenta (55%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0073DB 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 0073DB by changing the saturation by 10% instead.



 0073DB

 0073DB

FFFFFF

 005BBF

 67A6FF

 0044A3

 87C1FF

 002F88

 A7DDFF

 001C6E


 C6F9FF

 000655


 E5FFFF

 00063D

 000326

 00010F

 000000

 0073DB

 167DDB

 2C88DB

 4292DB

 589DDB

 6EA7DB

 83B1DB

 99BCDB

 AFC6DB

 C5D1DB

# Harmonies

## Analogous

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



0082D8



0073DB



905BC2

# Triad

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



0073DB



C44D2F



008951

# Complementary

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



0073DB



DB6800

# 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.



3B831B



0073DB



A56600

# Square

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



0073DB



D03B61



787800



008B88

# Rectangle

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



0073DB



B54AA6



787800



00883F

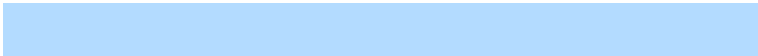


# Sweetspot

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



0073DB



B3DBFF



00DB66



526A80



000000



808080



# Same Dimension

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



0073DB



0086FF



0007DB



63686E



005BAD



00182E



# Inverse Universe

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



DB0073



FF0086



DBD400



6E6368



AD005B



2E0018



# Previews

## White Background



This preview shows how the Hex color 0073DB looks on a white background.

### Color Contrast Check

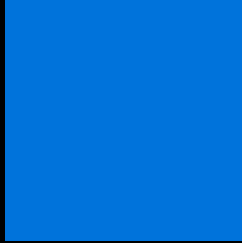
Large Text (above 18pt) WCAG AA ✓ Pass

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 0073DB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

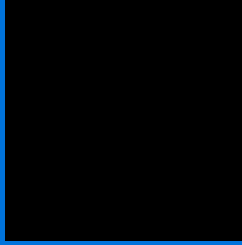
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0073DB Background



This preview shows how black text looks on a background with the Hex color 0073DB.

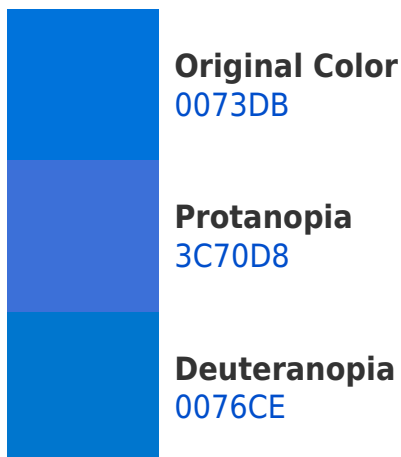


This preview shows how white text looks on a background with the Hex color 0073DB.

# Color Blindness Simulation

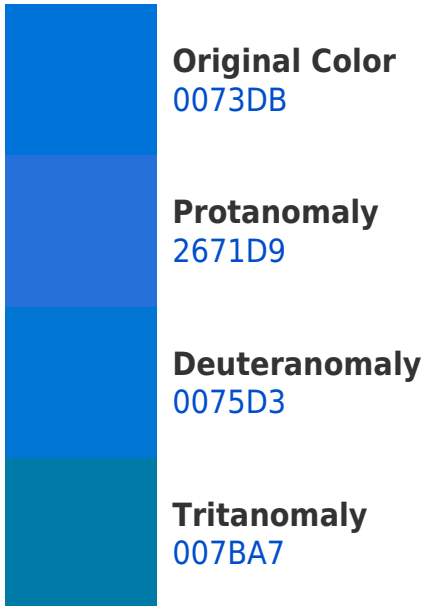
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

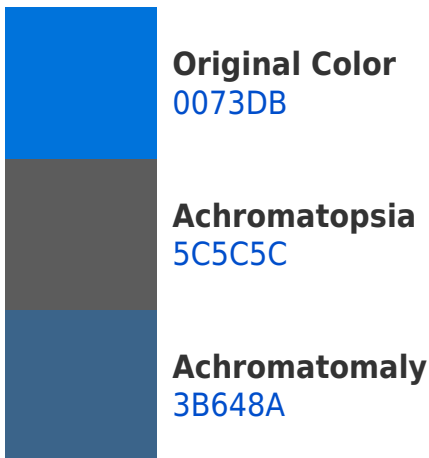




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0073DB 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 #0073DB looks like.

```
.text, #text, p{  
    color:#0073DB  
}
```

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 #0073DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0073DB
}
```

## Border

The CSS property to change the border of an element to Hex 0073DB 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
#0073DB }
```

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

```
.border{ border-color:#0073DB }
```

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

Here you see how a box with a 4 pixel #0073DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0073DB; -webkit-box-shadow:4px 4px  
4px 4px #0073DB; box-shadow:4px 4px 4px  
4px #0073DB }
```

# Background

The CSS property to change the background color of an element to Hex 0073DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0073DB }
```

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

```
.background{ background-color:#0073DB }
```

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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