

Converting Colors

Hex(0074DC)

Have a look what the booklet for
Hex(0074DC) contains.

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Color

Hex(0074DC)

Conversions

Conversions Part 1

Format	Color
Hex	0074DC
RGB	0, 116, 220
RGB Percent	0%, 45%, 86%
CMY	1.0000, 0.5451, 0.1373
CMYK	1.00, 0.47, 0.00, 0.14
HSL	208°, 100%, 43%
HSV	208°, 100%, 86%
XYZ	19.1637, 17.6581, 70.1085
YIQ	93.1720, -102.5200, 7.7520

Conversions

Conversions Part 2

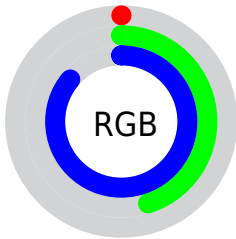
Format	Color
R_{YB}	0, 76, 220
Decimal	29916
CIE _{Lab}	49.08, 12.68, -60.50
CIE _{LCh}	49, 61.813, 281.836
Yxy	17.6581, 0.1792, 0.1651
Android (android.graphics.Color)	4278219996 (0xFF0074DC)
YUV	93.1720, 62.5262, -81.7118
Hunter-Lab	42.0215, 7.8661, -69.5040

Details

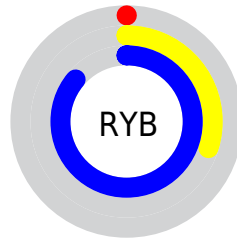
The Hex color **0074DC** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **DC6800**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **67A7FF**, and **0045A4** is the 20% darker color. If you saturate the color by 10%, you get **0074DC**, and if you desaturate by 10%, it is **167EDC**.

Distribution



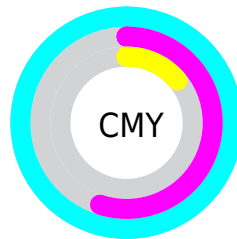
- Red (0%)
- Green (45%)
- Blue (86%)



- Red (0%)
- Yellow (30%)
- 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 0074DC 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 0074DC by changing the saturation by 10% instead.

 0074DC

 0074DC

FFFFFF

 005CC0

 67A7FF

 0045A4

 88C2FF

 003089

 A7DEFF

 001D6F

 C6FAFF

 000556

 E5FFFF

 00063E

 000327

 000110

 000000

■ 0074DC

■ 167EDC

■ 2C89DC

■ 4293DC

■ 589EDC

■ 6EA8DC

■ 84B2DC

■ 9ABDDC

■ B0C7DC

■ C6D2DC

Harmonies

Analogous

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



0083D8



0074DC



905DC3

Triad

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



0074DC



C64E31



008A52

Complementary

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



0074DC



DC6800

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.



3D841C



0074DC



A66600

Square

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



0074DC



D13C62



797900



008C89

Rectangle

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



0074DC



B54BA7



797900



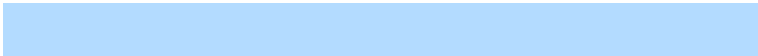
008940

Sweetspot

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



0074DC



B3DBFF



00DC67



526A80



000000



808080

Same Dimension

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



0074DC



0086FF



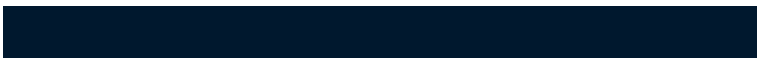
0007DC



63686E



005BAD



00182E

Inverse Universe

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



DC0074



FF0086



DCD500



6E6368



AD005B



2E0018

Previews

White Background



This preview shows how the Hex color 0074DC looks on a white background.

Color Contrast Check

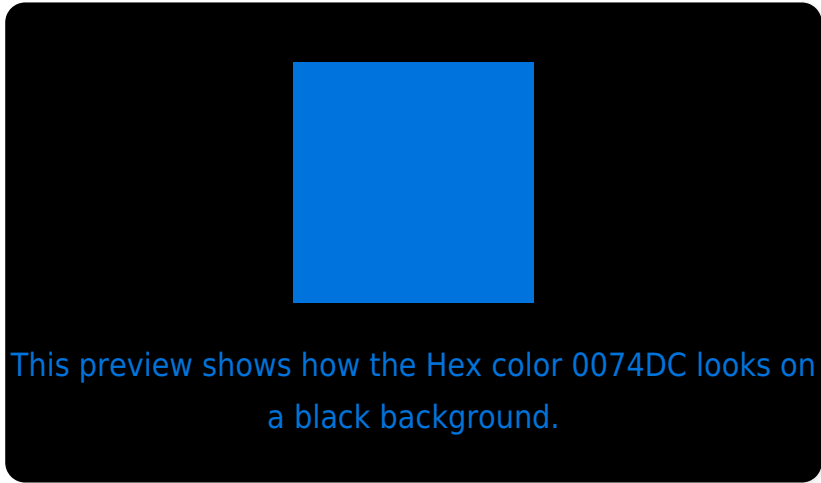
Large Text (above 18pt) WCAG AA ✓ Pass

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

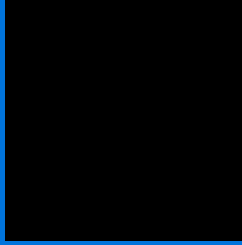
Any Text WCAG AA ✓ Pass

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 0074DC Background



This preview shows how black text looks on a background with the Hex color 0074DC.

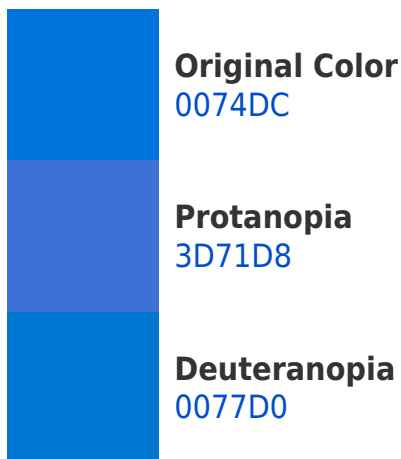


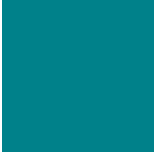
This preview shows how white text looks on a background with the Hex color 0074DC.

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



Original Color
0074DC

Protanomaly
2772D9

Deuteranomaly
0076D4

Tritanomaly
007CA8

Monochromacy



Original Color
0074DC

Achromatopsia
5D5D5D

Achromatomaly
3B658B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0074DC 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 #0074DC looks like.

```
.text, #text, p{  
    color:#0074DC  
}
```

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 #0074DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0074DC
}
```

Border

The CSS property to change the border of an element to Hex 0074DC 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
#0074DC }
```

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

```
.border{ border-color:#0074DC }
```

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

Here you see how a box with a 4 pixel #0074DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0074DC; -webkit-box-shadow:4px 4px  
4px 4px #0074DC; box-shadow:4px 4px 4px  
4px #0074DC }
```

Background

The CSS property to change the background color of an element to Hex 0074DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0074DC }
```

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

```
.background{ background-color:#0074DC }
```

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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