

# Converting Colors

Hex(0074D7)

Have a look what the booklet for  
Hex(0074D7) contains.

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# Color

**Hex(0074D7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0074D7
RGB	0, 116, 215
RGB Percent	0%, 45%, 84%
CMY	1.0000, 0.5451, 0.1569
CMYK	1.00, 0.46, 0.00, 0.16
HSL	208°, 100%, 42%
HSV	208°, 100%, 84%
XYZ	18.5111, 17.3971, 66.6723
YIQ	92.6020, -100.9150, 6.1970

# Conversions

## Conversions Part 2

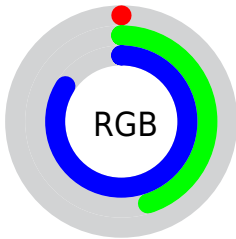
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 75, 215
Decimal	29911
CIELab	48.76, 10.70, -58.19
CIELCh	49, 59.161, 280.421
Yxy	17.3971, 0.1805, 0.1696
Android (android.graphics.Color)	4278219991 (0xFF0074D7)
YUV	92.6020, 60.3422, -81.2120
Hunter-Lab	41.7098, 6.2275, -65.5770

# Details

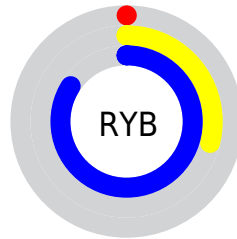
The Hex color **0074D7** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **D76300**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **66A7FF**, and **00459F** is the 20% darker color. If you saturate the color by 10%, you get **0074D7**, and if you desaturate by 10%, it is **157ED7**.

# Distribution



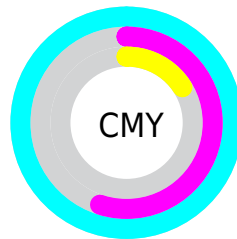
- Red (0%)
- Green (45%)
- Blue (84%)



- Red (0%)
- Yellow (29%)
- Blue (84%)



- Cyan (100%)
- Magenta (46%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (55%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0074D7 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 0074D7 by changing the saturation by 10% instead.



 0074D7

 0074D7

FFFFFF

 005CBB

 66A7FF

 00459F

 86C2FF

 003085

 A5DEFF

 001D6B

 C4FAFF

 000752

 E3FFFF

 00053A

 000223

 00000B

 000000

■ 0074D7

■ 157ED7

■ 2B88D7

■ 4192D7

■ 569CD7

■ 6CA5D7

■ 81AFD7

■ 97B9D7

■ ACC3D7

■ C2CDD7

# Harmonies

## Analogous

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



0082D2



0074D7



8B5EC1

# Triad

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



0074D7



C34F35



008950

# Complementary

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



0074D7



D76300

# 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.



43831E



0074D7



A66503

# Square

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



0074D7



CD3F64



7B7700



008B84

# Rectangle

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



0074D7



B04EA6



7B7700



00873F

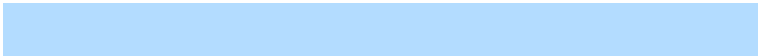


# Sweetspot

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



0074D7



B3DCFF



00D761



526A80



000000



808080



# Same Dimension

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



0074D7



008AFF



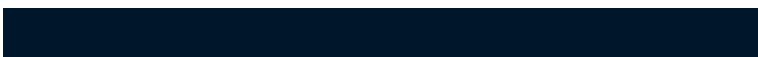
000BD7



60666B



005CAB



00172B



# Inverse Universe

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



D70074



FF008A



D7CC00



6B6066



AB005C



2B0017



# Previews

## White Background



This preview shows how the Hex color 0074D7 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 0074D7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

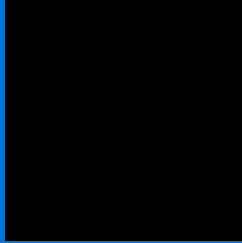
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0074D7 Background



This preview shows how black text looks on a background with the Hex color 0074D7.



This preview shows how white text looks on a background with the Hex color 0074D7.

# 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



**Original Color**  
0074D7

**Protanomaly**  
2A71D4

**Deuteranomaly**  
0075D2

**Tritanomaly**  
007CA5

# Monochromacy



**Original Color**  
0074D7

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
3B6589

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0074D7 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 #0074D7 looks like.

```
.text, #text, p{  
    color:#0074D7  
}
```

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 #0074D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0074D7
}
```

## Border

The CSS property to change the border of an element to Hex 0074D7 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
#0074D7 }
```

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

```
.border{ border-color:#0074D7 }
```

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

Here you see how a box with a 4 pixel #0074D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0074D7; -webkit-box-shadow:4px 4px  
4px 4px #0074D7; box-shadow:4px 4px 4px  
4px #0074D7 }
```

# Background

The CSS property to change the background color of an element to Hex 0074D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0074D7 }
```

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

```
.background{ background-color:#0074D7 }
```

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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