

Converting Colors

Hex(0074D6)

Have a look what the booklet for
Hex(0074D6) contains.

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Color

Hex(0074D6)

Conversions

Conversions Part 1

Format	Color
Hex	0074D6
RGB	0, 116, 214
RGB Percent	0%, 45%, 84%
CMY	1.0000, 0.5451, 0.1608
CMYK	1.00, 0.46, 0.00, 0.16
HSL	207°, 100%, 42%
HSV	207°, 100%, 84%
XYZ	18.3830, 17.3458, 65.9975
YIQ	92.4880, -100.5940, 5.8860

Conversions

Conversions Part 2

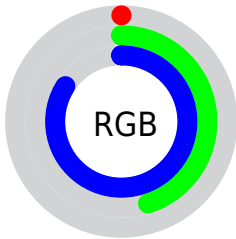
Format	Color
RYB	0, 75, 214
Decimal	29910
CIELab	48.69, 10.31, -57.72
CIELCh	49, 58.633, 280.123
Yxy	17.3458, 0.1807, 0.1705
Android (android.graphics.Color)	4278219990 (0xFF0074D6)
YUV	92.4880, 59.9054, -81.1120
Hunter-Lab	41.6483, 5.9029, -64.7994

Details

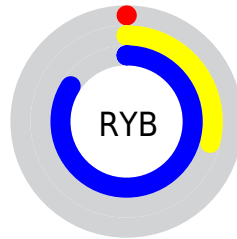
The Hex color **0074D6** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **D66200**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **65A7FF**, and **00459E** is the 20% darker color. If you saturate the color by 10%, you get **0074D6**, and if you desaturate by 10%, it is **157ED6**.

Distribution



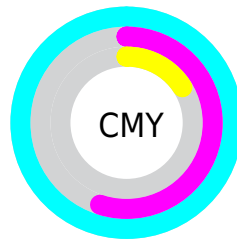
- Red (0%)
- Green (45%)
- Blue (84%)



- 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 0074D6 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 0074D6 by changing the saturation by 10% instead.

 0074D6

 0074D6

FFFFFF

 005CBA

 65A7FF

 00459E

 86C2FF

 003084

 A5DEFF

 001D6A

 C4FAFF

 000751

 E3FFFF

 000539

 000223

 000009

 000000

 0074D6

 157ED6

 2B88D6

 4091D6

 569BD6

 6BA5D6

 80AFD6

 96B9D6

 ABC2D6

 C1CCD6

Harmonies

Analogous

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



0082D1



0074D6



8A5EC0

Triad

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



0074D6



C24F36



008850

Complementary

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



0074D6



D66200

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.



44821E



0074D6



A56506

Square

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



0074D6



CC3F65



7C7700



008A84

Rectangle

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



0074D6



AF4EA6



7C7700



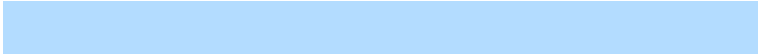
00873F

Sweetspot

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



0074D6



B3DCFF



00D660



526A80



000000



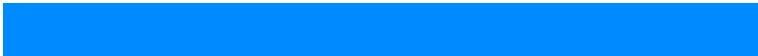
808080

Same Dimension

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



0074D6



008AFF



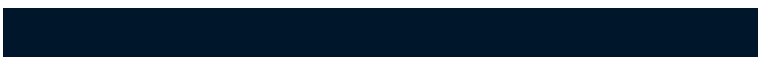
000BD6



60666B



005DAB



00172B

Inverse Universe

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



D60074



FF008A



D6CB00



6B6066



AB005D



2B0017

Previews

White Background



This preview shows how the Hex color 0074D6 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 0074D6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

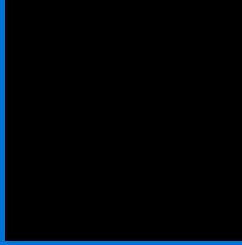
Any Text WCAG AA × Fail

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 0074D6 Background



This preview shows how black text looks on a background with the Hex color 0074D6.

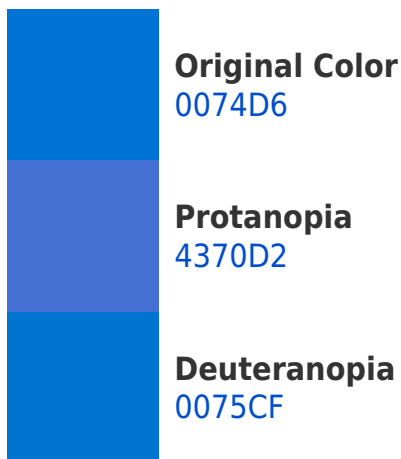


This preview shows how white text looks on a background with the Hex color 0074D6.

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
0074D6

Protanomaly
2B71D3

Deuteranomaly
0075D2

Tritanomaly
007CA5

Monochromacy



Original Color
0074D6

Achromatopsia
5C5C5C

Achromatomaly
3B6588

CSS Examples

Text

The CSS property to change the color of the text to Hex 0074D6 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 #0074D6 looks like.

```
.text, #text, p{  
    color:#0074D6  
}
```

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 #0074D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0074D6
}
```

Border

The CSS property to change the border of an element to Hex 0074D6 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
#0074D6 }
```

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

```
.border{ border-color:#0074D6 }
```

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

Here you see how a box with a 4 pixel #0074D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0074D6; -webkit-box-shadow:4px 4px  
4px 4px #0074D6; box-shadow:4px 4px 4px  
4px #0074D6 }
```

Background

The CSS property to change the background color of an element to Hex 0074D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0074D6 }
```

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

```
.background{ background-color:#0074D6 }
```

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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