

Converting Colors

Hex(0075D2)

Have a look what the booklet for
Hex(0075D2) contains.

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Color

Hex(0075D2)

Conversions

Conversions Part 1

Format	Color
Hex	0075D2
RGB	0, 117, 210
RGB Percent	0%, 46%, 82%
CMY	1.0000, 0.5412, 0.1765
CMYK	1.00, 0.44, 0.00, 0.18
HSL	207°, 100%, 41%
HSV	207°, 100%, 82%
XYZ	17.9941, 17.3757, 63.3782
YIQ	92.6190, -99.5850, 4.1190

Conversions

Conversions Part 2

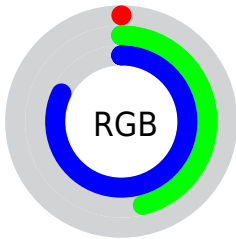
Format	Color
RYB	0, 75, 210
Decimal	30162
CIELab	48.73, 8.09, -55.39
CIElCh	49, 55.974, 278.312
Yxy	17.3757, 0.1822, 0.1760
Android (android.graphics.Color)	4278220242 (0xFF0075D2)
YUV	92.6190, 57.8688, -81.2269
Hunter-Lab	41.6842, 4.1072, -60.9678

Details

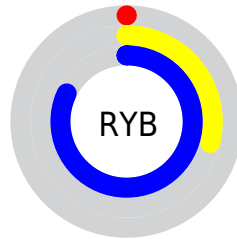
The Hex color **0075D2** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **D25D00**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **64A8FF**, and **00469B** is the 20% darker color. If you saturate the color by 10%, you get **0075D2**, and if you desaturate by 10%, it is **157ED2**.

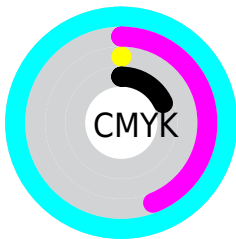
Distribution



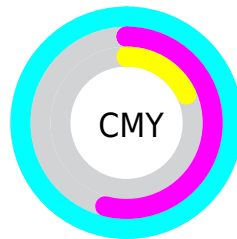
- Red (0%)
- Green (46%)
- Blue (82%)



- Red (0%)
- Yellow (29%)
- Blue (82%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (54%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0075D2 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 0075D2 by changing the saturation by 10% instead.

0075D2

0075D2

FFFFFF

005DB6

64A8FF

00469B

84C3FF

003080

A3DFFF

001D66

C2FCFF

00084E

E1FFFF

000536

000220

000004

000000

■ 0075D2

■ 157ED2

■ 2A88D2

■ 3F91D2

■ 549AD2

■ 69A3D2

■ 7EADD2

■ 93B6D2

■ A8BFD2

■ BDC9D2

Harmonies

Analogous

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



0082CC



0075D2



8661BF

Triad

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



0075D2



C1503B



00874F

Complementary

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



0075D2



D25D00

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.



4B8121



0075D2



A66513

Square

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



0075D2



C84369



7F7600



008A80

Rectangle

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



0075D2



AA52A6



7F7600



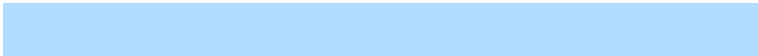
01863F

Sweetspot

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



0075D2



B3DDFF



00D25B



526B80



000000



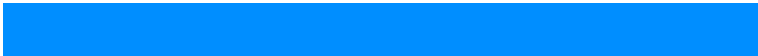
808080

Same Dimension

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



0075D2



008EFF



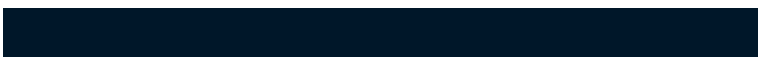
000ED2



5E6469



005EA8



001729

Inverse Universe

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



D20075



FF008E



D2C400



695E64



A8005E



290017

Previews

White Background



This preview shows how the Hex color 0075D2 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 0075D2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

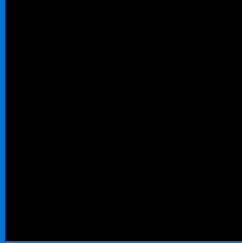
Any Text WCAG AA × Fail

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 0075D2 Background



This preview shows how black text looks on a background with the Hex color 0075D2.

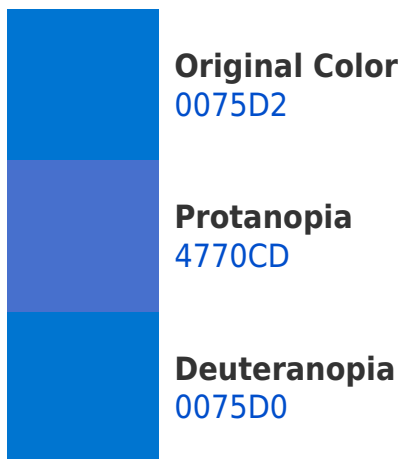


This preview shows how white text looks on a background with the Hex color 0075D2.

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
0075D2

Protanomaly
2D72CF

Deuteranomaly
0075D1

Tritanomaly
007CA4

Monochromacy



Original Color
0075D2

Achromatopsia
5D5D5D

Achromatomaly
3B6688

CSS Examples

Text

The CSS property to change the color of the text to Hex 0075D2 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 #0075D2 looks like.

```
.text, #text, p{  
    color:#0075D2  
}
```

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 #0075D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0075D2
}
```

Border

The CSS property to change the border of an element to Hex 0075D2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

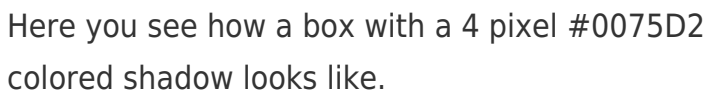
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0075D2 }
```

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

```
.border{ border-color:#0075D2 }
```

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



Here you see how a box with a 4 pixel #0075D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0075D2; -webkit-box-shadow:4px 4px  
4px 4px #0075D2; box-shadow:4px 4px 4px  
4px #0075D2 }
```

Background

The CSS property to change the background color of an element to Hex 0075D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0075D2 }
```

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

```
.background{ background-color:#0075D2 }
```

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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