

Converting Colors

Hex(0075C5)

Have a look what the booklet for
Hex(0075C5) contains.

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Color

Hex(0075C5)

Conversions

Conversions Part 1

Format	Color
Hex	0075C5
RGB	0, 117, 197
RGB Percent	0%, 46%, 77%
CMY	1.0000, 0.5412, 0.2275
CMYK	1.00, 0.41, 0.00, 0.23
HSL	204°, 100%, 39%
HSV	204°, 100%, 77%
XYZ	16.4393, 16.7538, 55.1907
YIQ	91.1370, -95.4120, 0.0760

Conversions

Conversions Part 2

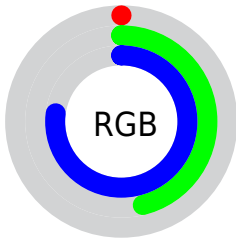
Format	Color
RYB	0, 73, 197
Decimal	30149
CIELab	47.95, 2.94, -49.21
CIELCh	48, 49.297, 273.421
Yxy	16.7538, 0.1860, 0.1896
Android (android.graphics.Color)	4278220229 (0xFF0075C5)
YUV	91.1370, 52.1905, -79.9271
Hunter-Lab	40.9314, 0.0612, -51.2929

Details

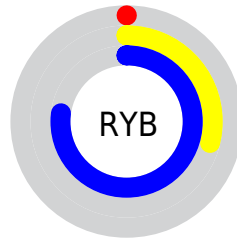
The Hex color **0075C5** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **C55000**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **61A9FE**, and **00468F** is the 20% darker color. If you saturate the color by 10%, you get **0075C5**, and if you desaturate by 10%, it is **147DC5**.

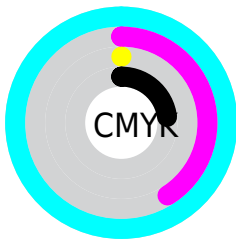
Distribution



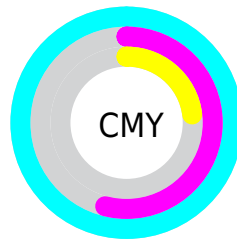
- Red (0%)
- Green (46%)
- Blue (77%)



- Red (0%)
- Yellow (29%)
- Blue (77%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (54%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0075C5 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 0075C5 by changing the saturation by 10% instead.

 0075C5

 0075C5

FFFFFF

 005DA9

 61A9FE

 00468F

 80C4FF

 003074

 9FDFFF

 001C5B

 BDFCFF

 000743

 DBFFFF

 00032C

 FAFFFF

 000116

 000000

 0075C5

 147DC5

 2785C5

 3B8DC5

 4F95C5

 639DC5

 76A5C5

 8AADC5

 9EB5C5

 B1BDC5

Harmonies

Analogous

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



0080BC



0075C5



7965B8

Triad

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



0075C5



B95146



06834B

Complementary

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



0075C5



C55000

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.



587C26



0075C5



A46225

Square

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



0075C5



BC4A6F



837114



008675

Rectangle

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



0075C5



9B59A4



837114



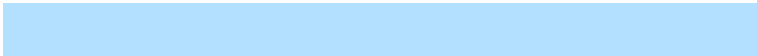
31813E

Sweetspot

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



0075C5



B3E0FF



00C54F



526D80



000000



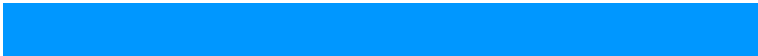
808080

Same Dimension

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



0075C5



0097FF



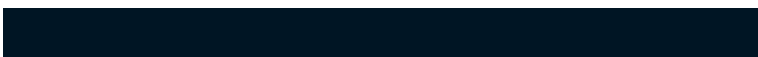
0014C5



5A5F63



0061A3



001524

Inverse Universe

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



C50075



FF0097



C5B100



635A5F



A30061



240015

Previews

White Background



This preview shows how the Hex color 0075C5 looks on a white background.

Color Contrast Check

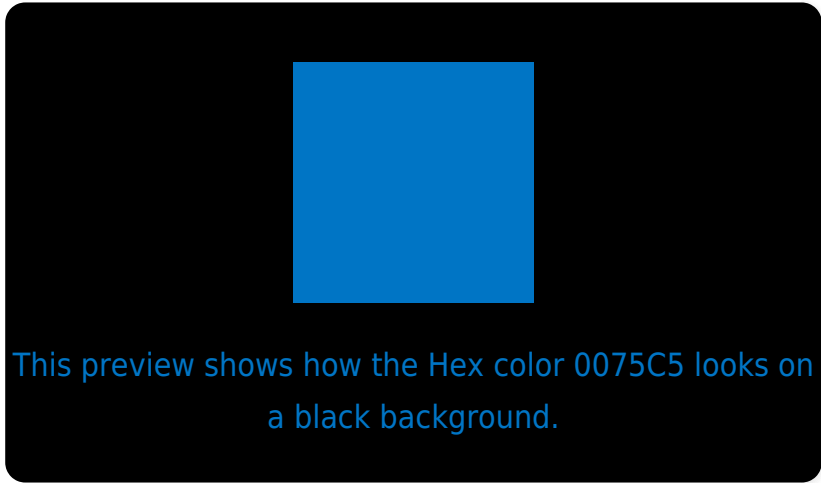
Large Text (above 18pt) WCAG AA ✓ Pass

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

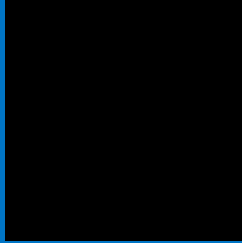
Any Text WCAG AA × Fail

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 0075C5 Background



This preview shows how black text looks on a background with the Hex color 0075C5.

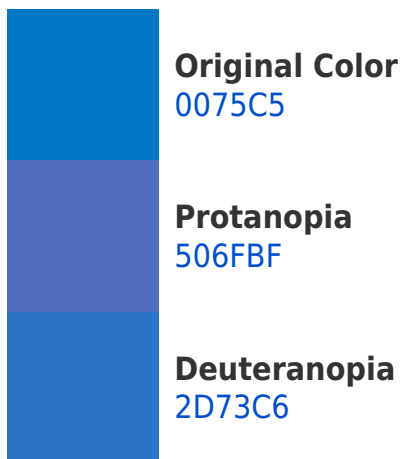


This preview shows how white text looks on a background with the Hex color 0075C5.

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](#).

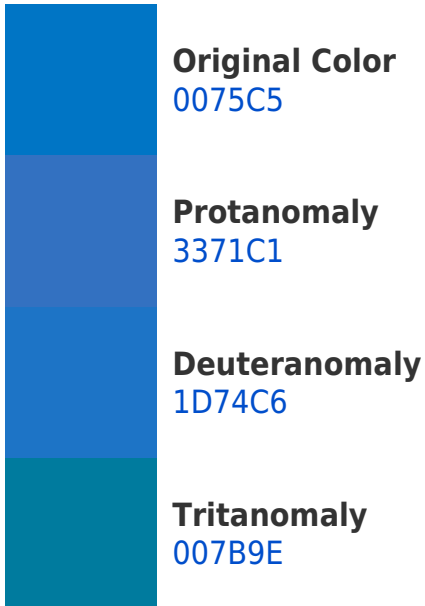
Dichromacy





Tritanopia
007E87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0075C5 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 #0075C5 looks like.

```
.text, #text, p{  
    color:#0075C5  
}
```

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 #0075C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0075C5
}
```

Border

The CSS property to change the border of an element to Hex 0075C5 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
#0075C5 }
```

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

```
.border{ border-color:#0075C5 }
```

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

Here you see how a box with a 4 pixel #0075C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0075C5; -webkit-box-shadow:4px 4px  
4px 4px #0075C5; box-shadow:4px 4px 4px  
4px #0075C5 }
```

Background

The CSS property to change the background color of an element to Hex 0075C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0075C5 }
```

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

```
.background{ background-color:#0075C5 }
```

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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