

Converting Colors

Hex(0075BF)

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

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Color

Hex(0075BF)

Conversions

Conversions Part 1

Format	Color
Hex	0075BF
RGB	0, 117, 191
RGB Percent	0%, 46%, 75%
CMY	1.0000, 0.5412, 0.2510
CMYK	1.00, 0.39, 0.00, 0.25
HSL	203°, 100%, 37%
HSV	203°, 100%, 75%
XYZ	15.7653, 16.4842, 51.6411
YIQ	90.4530, -93.4860, -1.7900

Conversions

Conversions Part 2

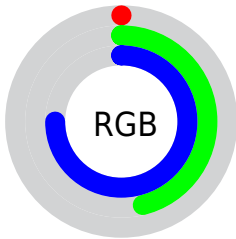
Format	Color
RYB	0, 73, 191
Decimal	30143
CIELab	47.60, 0.57, -46.31
CIELCh	48, 46.313, 270.702
Yxy	16.4842, 0.1879, 0.1965
Android (android.graphics.Color)	4278220223 (0xFF0075BF)
YUV	90.4530, 49.5697, -79.3273
Hunter-Lab	40.6007, -1.7396, -46.9920

Details

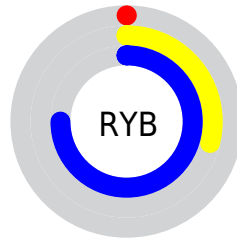
The Hex color **0075BF** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **BF4A00**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **5FA9F8**, and **004689** is the 20% darker color. If you saturate the color by 10%, you get **0075BF**, and if you desaturate by 10%, it is **137CBF**.

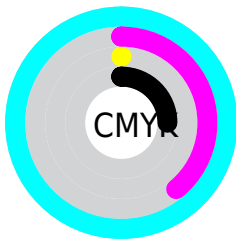
Distribution



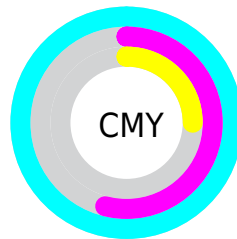
- Red (0%)
- Green (46%)
- Blue (75%)



- Red (0%)
- Yellow (29%)
- Blue (75%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (54%)
- Yellow (25%)

Brightness & Saturation Gradients

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

 0075BF

 0075BF

FFFFFF

 005DA4

 5FA9F8

 004689

 7EC4FF

 00306F

 9DE0FF

 001C56

 BBFCFF

 00063E

 D9FFFF

 000328

 F7FFFF

 000111

 000000

 0075BF

 137CBF

 2684BF

 398BBF

 4C93BF

 609ABF

 73A1BF

 86A9BF

 99B0BF

 ACB8BF

Harmonies

Analogous

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



007FB4



0075BF



7366B4

Triad

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



0075BF



B6524B



238149

Complementary

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



0075BF



BF4A00

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.



5E7A29



0075BF



A3612C

Square

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



0075BF



B64D72



856F1C



008471

Rectangle

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



0075BF



955BA3



856F1C



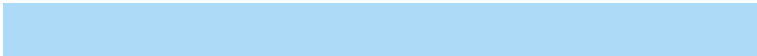
3C7F3D

Sweetspot

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



0075BF



ADDBF7



00BF49



506C7D



FCFCFC



7D7D7D

Same Dimension

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



0075BF



0098F7



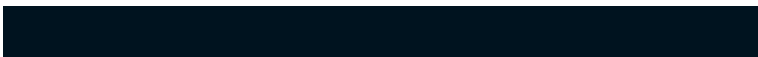
0016BF



555B5E



00619E



00131F

Inverse Universe

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



BF0075



F70098



BFA900



5E555B



9E0061



1F0013

Previews

White Background



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

Color Contrast Check

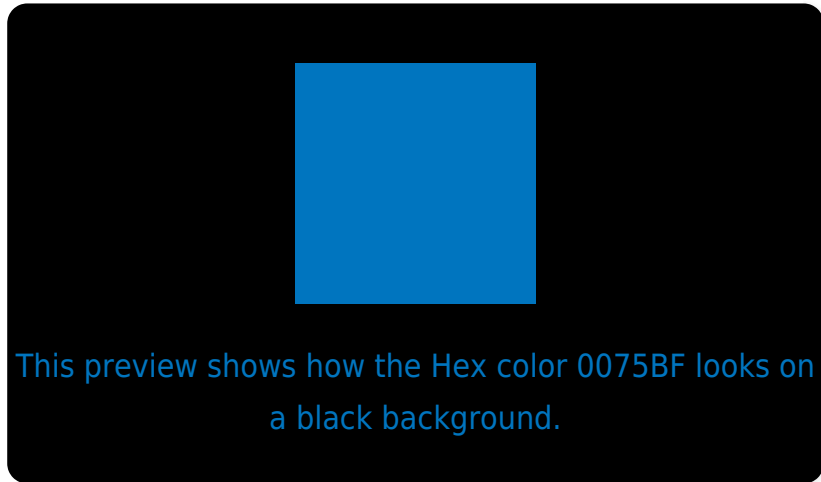
Large Text (above 18pt) WCAG AA ✓ Pass

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

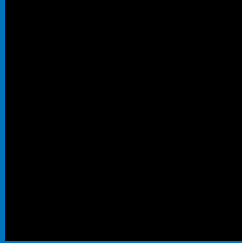
Any Text WCAG AA × Fail

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 0075BF Background



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

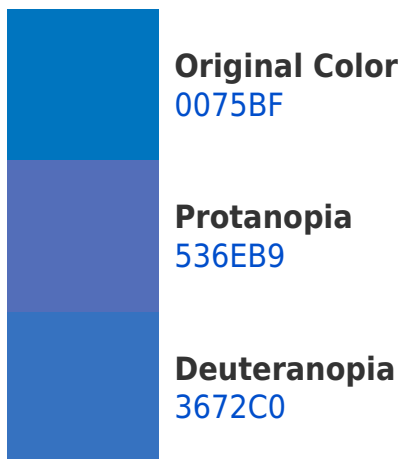


This preview shows how white text looks on a background with the Hex color 0075BF.

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
007D86

Trichromacy



Original Color
0075BF

Protanomaly
3571BB

Deuteranomaly
2273C0

Tritanomaly
007A9B

Monochromacy



Original Color
0075BF

Achromatopsia
5A5A5A

Achromatomaly
39647F

CSS Examples

Text

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

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

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 #0075BF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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