

Converting Colors

Hex(0075B9)

Have a look what the booklet for
Hex(0075B9) contains.

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Color

Hex(0075B9)

Conversions

Conversions Part 1

Format	Color
Hex	0075B9
RGB	0, 117, 185
RGB Percent	0%, 46%, 73%
CMY	1.0000, 0.5412, 0.2745
CMYK	1.00, 0.37, 0.00, 0.27
HSL	202°, 100%, 36%
HSV	202°, 100%, 73%
XYZ	15.1182, 16.2254, 48.2339
YIQ	89.7690, -91.5600, -3.6560

Conversions

Conversions Part 2

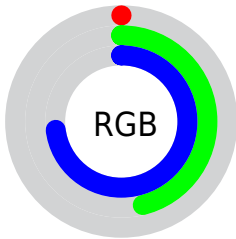
Format	Color
RYB	0, 72, 185
Decimal	30137
CIELab	47.27, -1.80, -43.38
CIELCh	47, 43.415, 267.623
Yxy	16.2254, 0.1900, 0.2039
Android (android.graphics.Color)	4278220217 (0xFF0075B9)
YUV	89.7690, 46.9489, -78.7274
Hunter-Lab	40.2807, -3.4962, -42.8000

Details

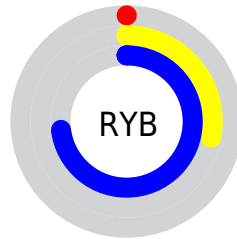
The Hex color **0075B9** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **B94400**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **5DA9F1**, and **004583** is the 20% darker color. If you saturate the color by 10%, you get **0075B9**, and if you desaturate by 10%, it is **127CB9**.

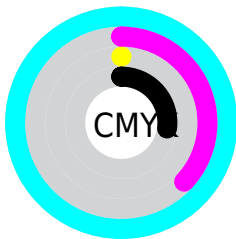
Distribution



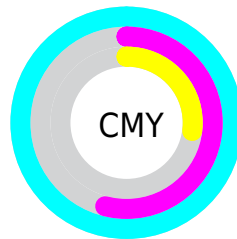
- Red (0%)
- Green (46%)
- Blue (73%)



- Red (0%)
- Yellow (28%)
- Blue (73%)



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (54%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0075B9 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 0075B9 by changing the saturation by 10% instead.

 0075B9

 0075B9

FFFFFF

 005D9E

 5DA9F1

 004583

 7CC4FF

 00306A

 9BE0FF

 001C51

 B9FCFF

 00053A

 D7FFFF

 000223

 F5FFFF

 00000A

 000000

 0075B9

 127CB9

 2583B9

 3889B9

 4A90B9

 5D97B9

 6F9EB9

 82A5B9

 94ABB9

 A7B2B9

Harmonies

Analogous

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



007EAD



0075B9



6C68B1

Triad

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



0075B9



B25350



327F47

Complementary

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



0075B9



B94400

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.



63782B



0075B9



A25F33

Square

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



0075B9



B05075



876D23



00826C

Rectangle

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



0075B9



8E5EA2



876D23



457D3D

Sweetspot

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



0075B9



A8D5F0



00B944



4D6878



F7F7F7



787878

Same Dimension

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



0075B9



0098F0



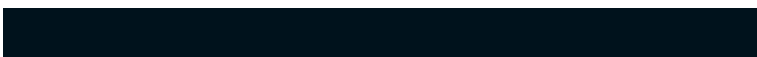
0019B9



53585C



00629C



00121C

Inverse Universe

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



B90075



F00098



B9A000



5C5358



9C0062



1C0012

Previews

White Background



This preview shows how the Hex color 0075B9 looks on a white background.

Color Contrast Check

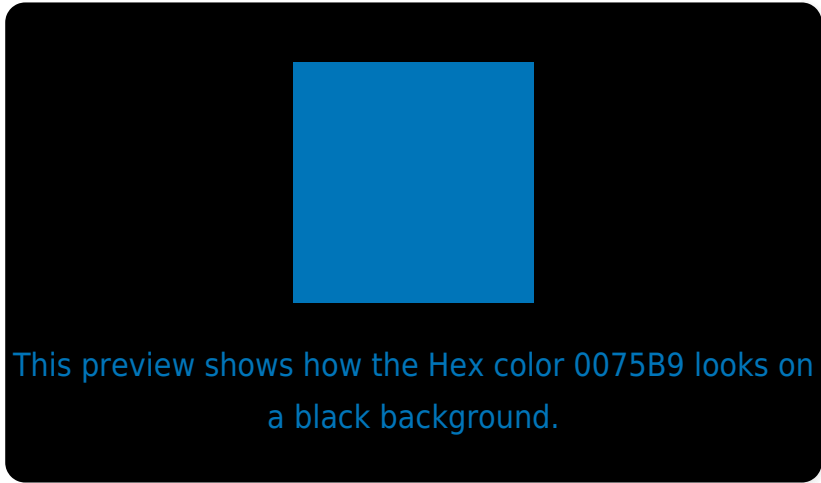
Large Text (above 18pt) WCAG AA ✓ Pass

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

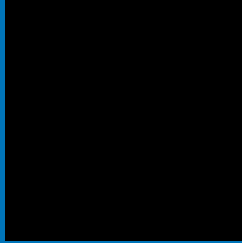
Any Text WCAG AA × Fail

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 0075B9 Background



This preview shows how black text looks on a background with the Hex color 0075B9.

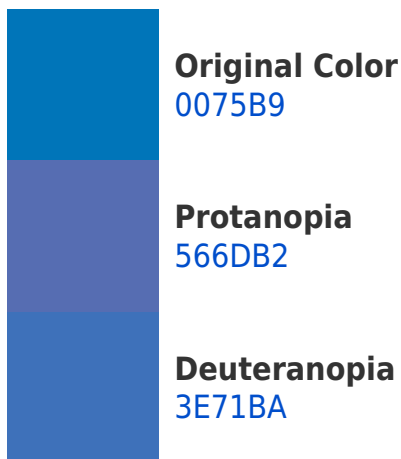


This preview shows how white text looks on a background with the Hex color 0075B9.

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
007C85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0075B9 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 #0075B9 looks like.

```
.text, #text, p{  
    color:#0075B9  
}
```

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 #0075B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0075B9
}
```

Border

The CSS property to change the border of an element to Hex 0075B9 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
#0075B9 }
```

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

```
.border{ border-color:#0075B9 }
```

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

Here you see how a box with a 4 pixel #0075B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0075B9; -webkit-box-shadow:4px 4px  
4px 4px #0075B9; box-shadow:4px 4px 4px  
4px #0075B9 }
```

Background

The CSS property to change the background color of an element to Hex 0075B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0075B9 }
```

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

```
.background{ background-color:#0075B9 }
```

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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