

Converting Colors

Hex(0065B0)

Have a look what the booklet for
Hex(0065B0) contains.

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Color

Hex(0065B0)

Conversions

Conversions Part 1

Format	Color
Hex	0065B0
RGB	0, 101, 176
RGB Percent	0%, 40%, 69%
CMY	1.0000, 0.6039, 0.3098
CMYK	1.00, 0.43, 0.00, 0.31
HSL	206°, 100%, 35%
HSV	206°, 100%, 69%
XYZ	12.4902, 12.4420, 42.8175
YIQ	79.3510, -84.2710, 1.9130

Conversions

Conversions Part 2

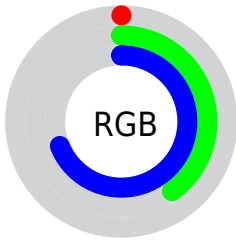
Format	Color
RYB	0, 64, 176
Decimal	26032
CIELab	41.91, 4.59, -46.68
CIELCh	42, 46.907, 275.616
Yxy	12.4420, 0.1844, 0.1836
Android (android.graphics.Color)	4278216112 (0xFF0065B0)
YUV	79.3510, 47.6480, -69.5908
Hunter-Lab	35.2731, 1.4785, -47.2800

Details

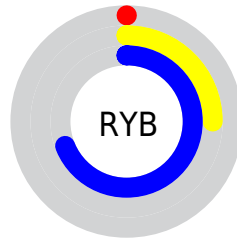
The Hex color **0065B0** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B04B00**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **5B97E8**, and **00377B** is the 20% darker color. If you saturate the color by 10%, you get **0065B0**, and if you desaturate by 10%, it is **126CB0**.

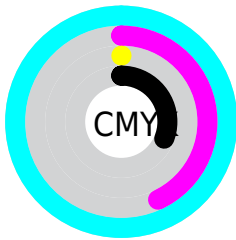
Distribution



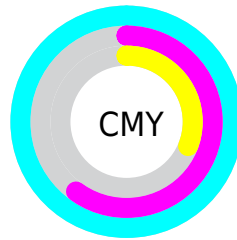
- Red (0%)
- Green (40%)
- Blue (69%)



- Red (0%)
- Yellow (25%)
- Blue (69%)



- Cyan (100%)
- Magenta (43%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (60%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0065B0 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 0065B0 by changing the saturation by 10% instead.

0065B0

0065B0

FFFFFF

004D95

5B97E8

00377B

79B2FF

002361

97CDFF

000C49

B5E9FF

000432

D3FFFF

00011C

F1FFFF

000000

0065B0

126CB0

■ 2374B0

■ 357BB0

■ 4683B0

■ 588BB0

■ 6A92B0

■ 7B9AB0

■ 8DA1B0

■ 9EA9B0

Harmonies

Analogous

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



006FA9



0065B0



6D55A2

Triad

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



0065B0



A44538



007341

Complementary

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



0065B0



B04B00

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.



476D1E



0065B0



8F5519

Square

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



0065B0



A83D5D



706308



007569

Rectangle

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



0065B0



8C4A8F



706308



1E7135

Sweetspot

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



0065B0



A1C8E6



00B049



496173



F2F2F2



737373

Same Dimension

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



0065B0



0084E6



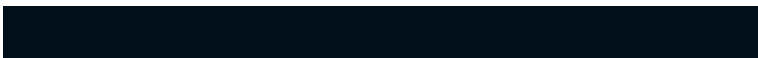
000FB0



505559



005899



000F1A

Inverse Universe

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



B00065



E60084



B0A100



595055



990058



1A000F

Previews

White Background



This preview shows how the Hex color 0065B0 looks on a white background.

Color Contrast Check

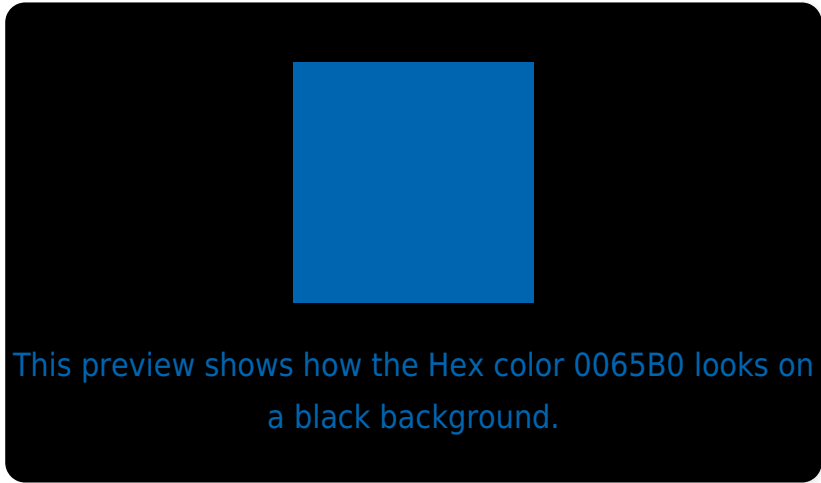
Large Text (above 18pt) WCAG AA ✓ Pass

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

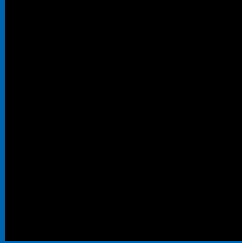
Any Text WCAG AA × Fail

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 0065B0 Background



This preview shows how black text looks on a background with the Hex color 0065B0.

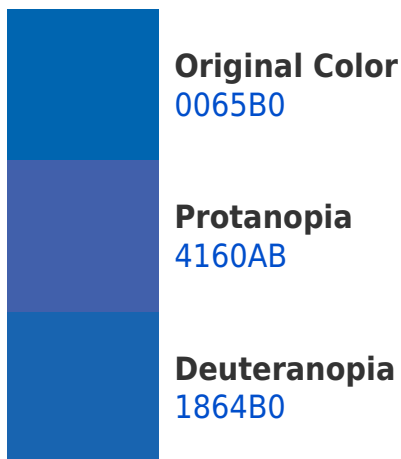


This preview shows how white text looks on a background with the Hex color 0065B0.

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](#).

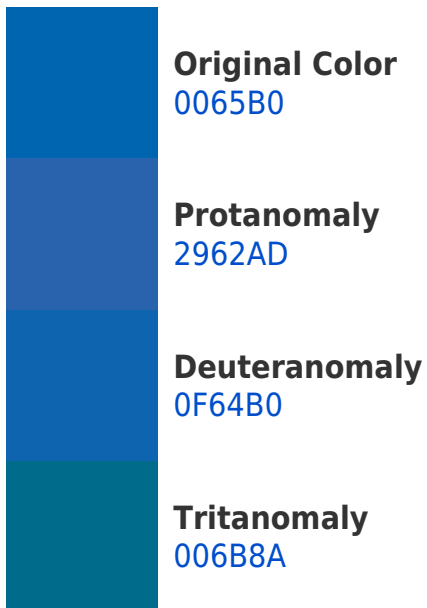
Dichromacy





Tritanopia
006E75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0065B0 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 #0065B0 looks like.

```
.text, #text, p{  
    color:#0065B0  
}
```

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 #0065B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0065B0
}
```

Border

The CSS property to change the border of an element to Hex 0065B0 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
#0065B0 }
```

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

```
.border{ border-color:#0065B0 }
```

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

Here you see how a box with a 4 pixel #0065B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0065B0; -webkit-box-shadow:4px 4px  
4px 4px #0065B0; box-shadow:4px 4px 4px  
4px #0065B0 }
```

Background

The CSS property to change the background color of an element to Hex 0065B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0065B0 }
```

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

```
.background{ background-color:#0065B0 }
```

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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