

Converting Colors

Hex(006BB0)

Have a look what the booklet for
Hex(006BB0) contains.

Hex(006BB0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(006BB0)

Conversions

Conversions Part 1

Format	Color
Hex	006BB0
RGB	0, 107, 176
RGB Percent	0%, 42%, 69%
CMY	1.0000, 0.5804, 0.3098
CMYK	1.00, 0.39, 0.00, 0.31
HSL	204°, 100%, 35%
HSV	204°, 100%, 69%
XYZ	13.0942, 13.6500, 43.0189
YIQ	82.8730, -85.9210, -1.2250

Conversions

Conversions Part 2

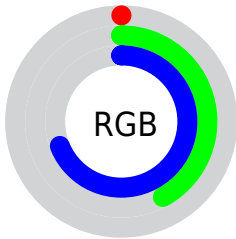
Format	Color
RYB	0, 67, 176
Decimal	27568
CIELab	43.73, 0.79, -43.78
CIELCh	44, 43.786, 271.038
Yxy	13.6500, 0.1877, 0.1957
Android (android.graphics.Color)	4278217648 (0xFF006BB0)
YUV	82.8730, 45.9116, -72.6796
Hunter-Lab	36.9459, -1.3922, -43.1737

Details

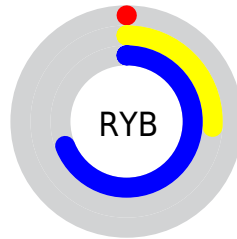
The Hex color **006BB0** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B04500**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **5B9EE8**, and **003C7B** is the 20% darker color. If you saturate the color by 10%, you get **006BB0**, and if you desaturate by 10%, it is **1272B0**.

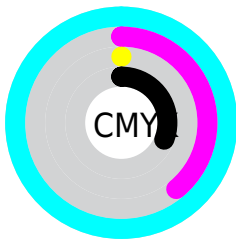
Distribution



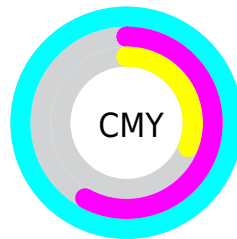
- Red (0%)
- Green (42%)
- Blue (69%)



- Red (0%)
- Yellow (26%)
- Blue (69%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (58%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006BB0 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 006BB0 by changing the saturation by 10% instead.

006BB0

006BB0

FFFFFF

005395

5B9EE8

003C7B

79B9FF

002762

97D4FF

001349

B5F1FF

000432

D3FFFF

00021C

F1FFFF

000000

006BB0

1272B0

■ 2379B0

■ 3580B0

■ 4687B0

■ 588EB0

■ 6A94B0

■ 7B9BB0

■ 8DA2B0

■ 9EA9B0

Harmonies

Analogous

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



0074A6



006BB0



6A5DA6

Triad

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



006BB0



A74B44



1D7642

Complementary

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



006BB0



B04500

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.



557024



006BB0



965827

Square

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



006BB0



A84668



796618



007968

Rectangle

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



006BB0



895395



796618



357537

Sweetspot

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



006BB0



A1CBE6



00B043



496373



F2F2F2



737373

Same Dimension

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



006BB0



008CE6



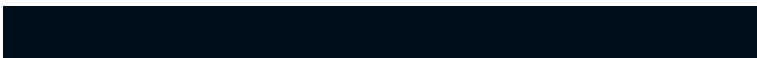
0015B0



505659



005D99



00101A

Inverse Universe

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



B0006B



E6008C



B09B00



595056



99005D



1A0010

Previews

White Background



This preview shows how the Hex color 006BB0 looks on a white background.

Color Contrast Check

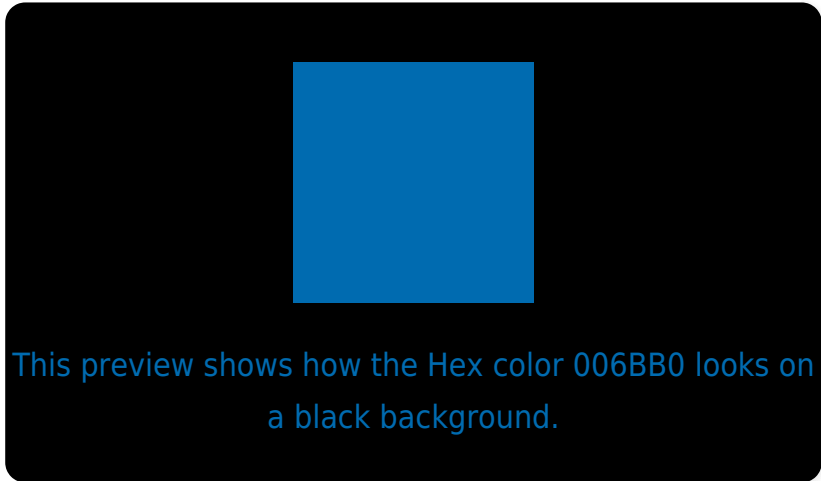
Large Text (above 18pt) WCAG AA ✓ Pass

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

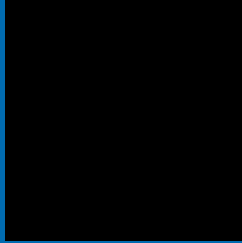
Any Text WCAG AA × Fail

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 006BB0 Background



This preview shows how black text looks on a background with the Hex color 006BB0.

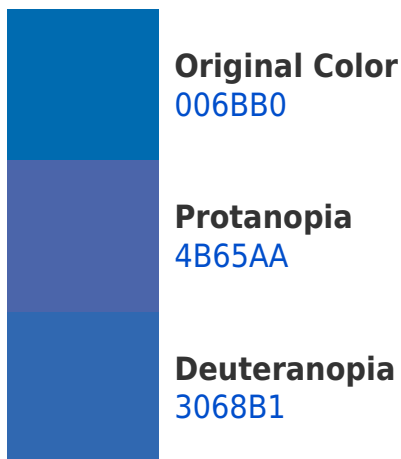


This preview shows how white text looks on a background with the Hex color 006BB0.

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](#).

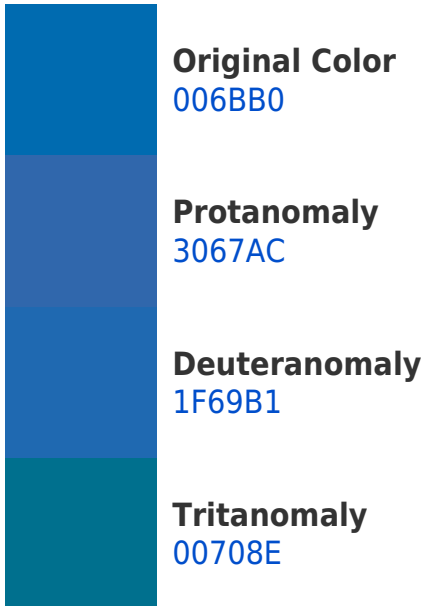
Dichromacy





Tritanopia
00737B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 006BB0 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 #006BB0 looks like.

```
.text, #text, p{  
    color:#006BB0  
}
```

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 #006BB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006BB0
}
```

Border

The CSS property to change the border of an element to Hex 006BB0 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
#006BB0 }
```

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

```
.border{ border-color:#006BB0 }
```

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

Here you see how a box with a 4 pixel #006BB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006BB0; -webkit-box-shadow:4px 4px  
4px 4px #006BB0; box-shadow:4px 4px 4px  
4px #006BB0 }
```

Background

The CSS property to change the background color of an element to Hex 006BB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006BB0 }
```

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

```
.background{ background-color:#006BB0 }
```

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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