

Converting Colors

Hex(006CB6)

Have a look what the booklet for
Hex(006CB6) contains.

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Color

Hex(006CB6)

Conversions

Conversions Part 1

Format	Color
Hex	006CB6
RGB	0, 108, 182
RGB Percent	0%, 42%, 71%
CMY	1.0000, 0.5765, 0.2863
CMYK	1.00, 0.41, 0.00, 0.29
HSL	204°, 100%, 36%
HSV	204°, 100%, 71%
XYZ	13.8061, 14.1025, 46.2504
YIQ	84.1440, -88.1220, 0.1180

Conversions

Conversions Part 2

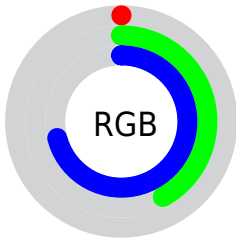
Format	Color
RYB	0, 68, 182
Decimal	27830
CIELab	44.38, 2.58, -46.24
CIELCh	44, 46.311, 273.189
Yxy	14.1025, 0.1862, 0.1902
Android (android.graphics.Color)	4278217910 (0xFF006CB6)
YUV	84.1440, 48.2430, -73.7943
Hunter-Lab	37.5533, -0.0948, -46.7338

Details

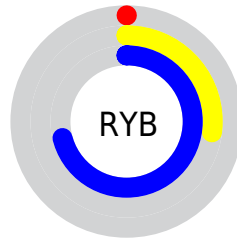
The Hex color **006CB6** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B64A00**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **5C9FEE**, and **003D80** is the 20% darker color. If you saturate the color by 10%, you get **006CB6**, and if you desaturate by 10%, it is **1273B6**.

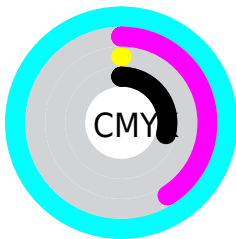
Distribution



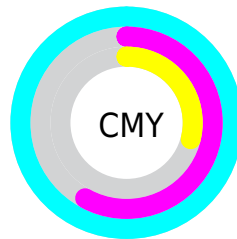
- Red (0%)
- Green (42%)
- Blue (71%)



- Red (0%)
- Yellow (27%)
- Blue (71%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (29%)



- Cyan (100%)
- Magenta (58%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006CB6 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 006CB6 by changing the saturation by 10% instead.

 006CB6

 006CB6

FFFFFF

 00549B

 5C9FEE

 003D80

 7BBAFF

 002867

 99D5FF

 00144E

 B7F2FF

 000537

 D5FFFF

 000221

 F3FFFF

 000005

 000000

 006CB6

■ 1273B6

■ 247BB6

■ 3782B6

■ 498AB6

■ 5B91B6

■ 6D98B6

■ 7FA0B6

■ 92A7B6

■ A4AFB6

Harmonies

Analogous

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



0076AD



006CB6



6F5DAA

Triad

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



006CB6



AB4B41



097944

Complementary

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



006CB6



B64A00

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.



527323



006CB6



985A22

Square

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



006CB6



AE4466



796813



007B6C

Rectangle

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



006CB6



8F5298



796813



2E7738

Sweetspot

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



006CB6



A6D0ED



00B649



4D6678



F7F7F7



787878

Same Dimension

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



006CB6



008DED



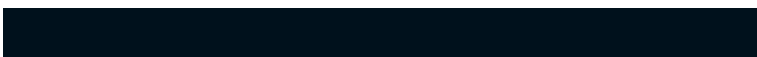
0012B6



53585C



005C9C



00111C

Inverse Universe

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



B6006C



ED008D



B6A400



5C5358



9C005C



1C0011

Previews

White Background



This preview shows how the Hex color 006CB6 looks on a white background.

Color Contrast Check

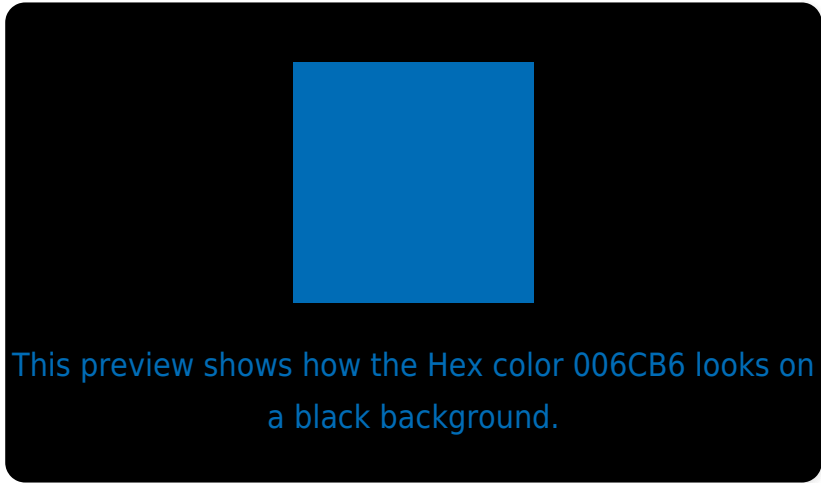
Large Text (above 18pt) WCAG AA ✓ Pass

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

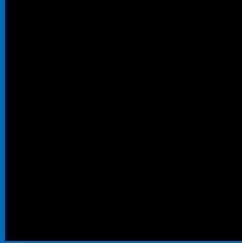
Any Text WCAG AA × Fail

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 006CB6 Background



This preview shows how black text looks on a background with the Hex color 006CB6.

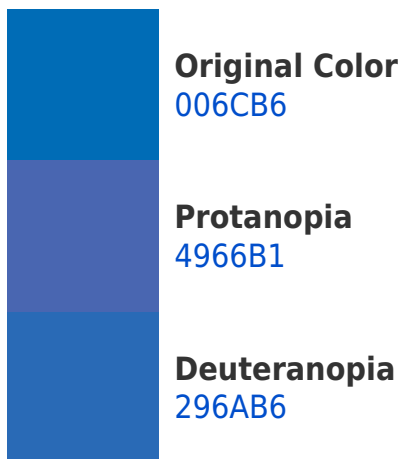


This preview shows how white text looks on a background with the Hex color 006CB6.

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](#).

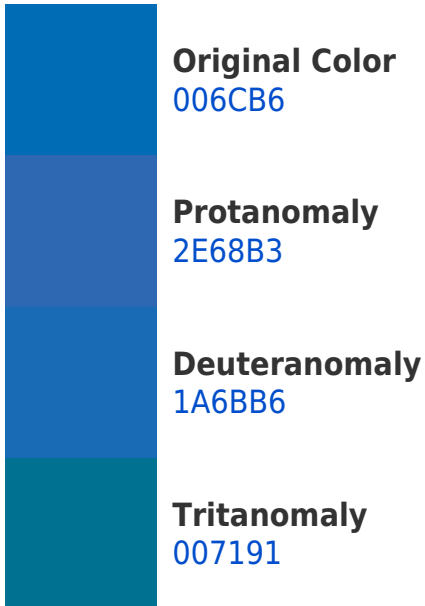
Dichromacy





Tritanopia
00747C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 006CB6 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 #006CB6 looks like.

```
.text, #text, p{  
    color:#006CB6  
}
```

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 #006CB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006CB6
}
```

Border

The CSS property to change the border of an element to Hex 006CB6 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
#006CB6 }
```

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

```
.border{ border-color:#006CB6 }
```

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

Here you see how a box with a 4 pixel #006CB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006CB6; -webkit-box-shadow:4px 4px  
4px 4px #006CB6; box-shadow:4px 4px 4px  
4px #006CB6 }
```

Background

The CSS property to change the background color of an element to Hex 006CB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006CB6 }
```

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

```
.background{ background-color:#006CB6 }
```

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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