

Converting Colors

Hex(006CB9)

Have a look what the booklet for
Hex(006CB9) contains.

Hex(006CB9)	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(006CB9)

Conversions

Conversions Part 1

Format	Color
Hex	006CB9
RGB	0, 108, 185
RGB Percent	0%, 42%, 73%
CMY	1.0000, 0.5765, 0.2745
CMYK	1.00, 0.42, 0.00, 0.27
HSL	205°, 100%, 36%
HSV	205°, 100%, 73%
XYZ	14.1195, 14.2279, 47.9010
YIQ	84.4860, -89.0850, 1.0510

Conversions

Conversions Part 2

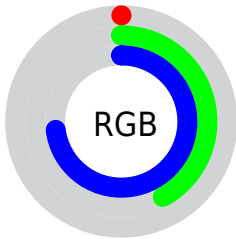
Format	Color
RYB	0, 68, 185
Decimal	27833
CIELab	44.56, 3.78, -47.70
CIELCh	45, 47.849, 274.533
Yxy	14.2279, 0.1852, 0.1866
Android (android.graphics.Color)	4278217913 (0xFF006CB9)
YUV	84.4860, 49.5534, -74.0942
Hunter-Lab	37.7199, 0.8073, -48.8893

Details

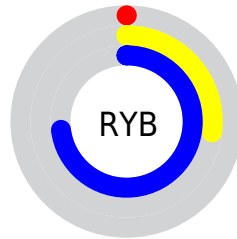
The Hex color **006CB9** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B94D00**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **5D9FF2**, and **003D83** is the 20% darker color. If you saturate the color by 10%, you get **006CB9**, and if you desaturate by 10%, it is **1274B9**.

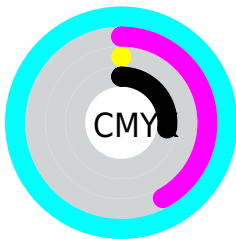
Distribution



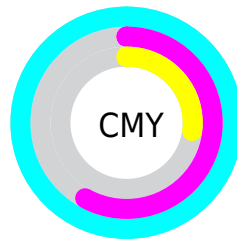
- Red (0%)
- Green (42%)
- Blue (73%)



- Red (0%)
- Yellow (27%)
- Blue (73%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (58%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006CB9 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 006CB9 by changing the saturation by 10% instead.

 006CB9

 006CB9

FFFFFF

 00549E

 5D9FF2

 003D83

 7CBAFF

 00286A

 9AD5FF

 001451

 B8F2FF

 000539

 D6FFFF

 000223

 F5FFFF

 000009

 000000

 006CB9

■ 1274B9

■ 257BB9

■ 3883B9

■ 4A8BB9

■ 5D93B9

■ 6F9AB9

■ 82A2B9

■ 94AAB9

■ A7B1B9

Harmonies

Analogous

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



0076B1



006CB9



725CAB

Triad

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



006CB9



AD4B3E



007A45

Complementary

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



006CB9



B94D00

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.



4F7422



006CB9



985B1F

Square

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



006CB9



B14365



78690E



007C6E

Rectangle

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



006CB9



935098



78690E



277839

Sweetspot

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



006CB9



A8D2F0



00B94A



4D6678



F7F7F7



787878

Same Dimension

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



006CB9



008CF0



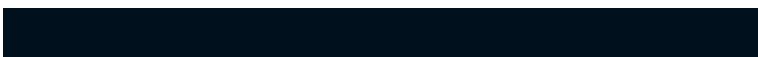
0012B9



53585C



005B9C



00101C

Inverse Universe

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



B9006C



F0008C



B9A600



5C5358



9C005B



1C0010

Previews

White Background



This preview shows how the Hex color 006CB9 looks on a white background.

Color Contrast Check

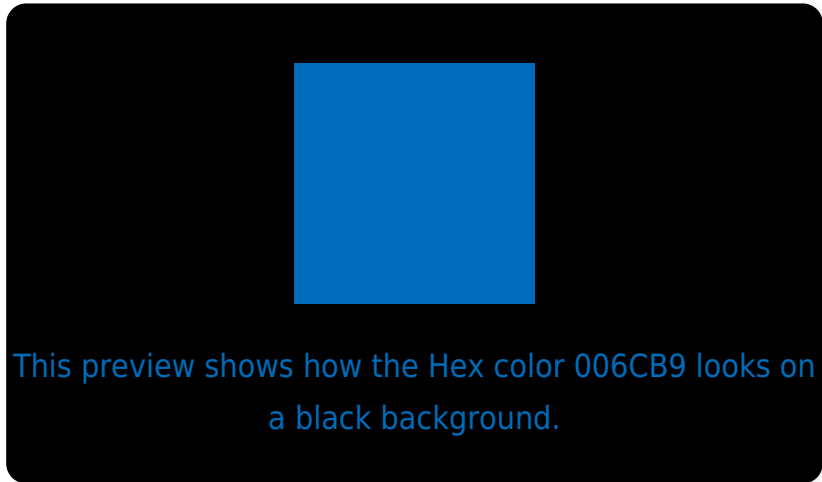
Large Text (above 18pt) WCAG AA ✓ Pass

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

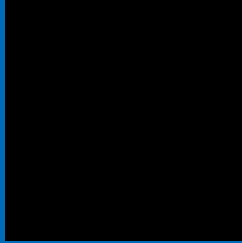
Any Text WCAG AA × Fail

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 006CB9 Background



This preview shows how black text looks on a background with the Hex color 006CB9.



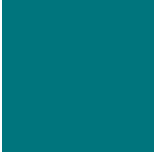
This preview shows how white text looks on a background with the Hex color 006CB9.

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](#).

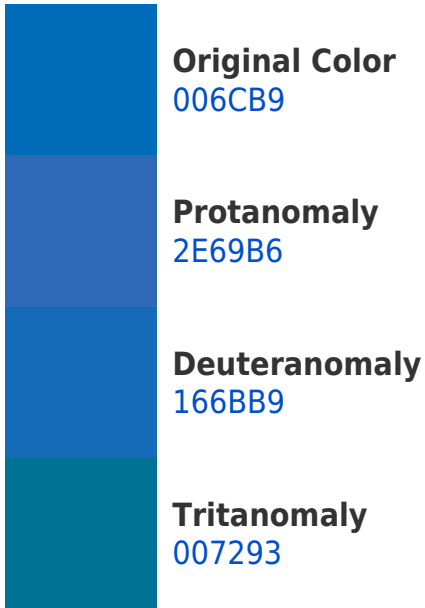
Dichromacy





Tritanopia
00757D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 006CB9 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 #006CB9 looks like.

```
.text, #text, p{  
    color:#006CB9  
}
```

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 #006CB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006CB9
}
```

Border

The CSS property to change the border of an element to Hex 006CB9 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
#006CB9 }
```

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

```
.border{ border-color:#006CB9 }
```

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

Here you see how a box with a 4 pixel #006CB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006CB9; -webkit-box-shadow:4px 4px  
4px 4px #006CB9; box-shadow:4px 4px 4px  
4px #006CB9 }
```

Background

The CSS property to change the background color of an element to Hex 006CB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006CB9 }
```

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

```
.background{ background-color:#006CB9 }
```

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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