

Converting Colors

Hex(006FB8)

Have a look what the booklet for
Hex(006FB8) contains.

Hex(006FB8)	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(006FB8)

Conversions

Conversions Part 1

Format	Color
Hex	006FB8
RGB	0, 111, 184
RGB Percent	0%, 44%, 72%
CMY	1.0000, 0.5647, 0.2784
CMYK	1.00, 0.40, 0.00, 0.28
HSL	204°, 100%, 36%
HSV	204°, 100%, 72%
XYZ	14.3362, 14.8296, 47.4542
YIQ	86.1330, -89.5890, -0.8290

Conversions

Conversions Part 2

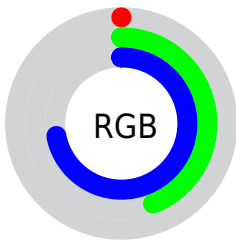
Format	Color
RYB	0, 69, 184
Decimal	28600
CIELab	45.40, 1.50, -45.77
CIELCh	45, 45.798, 271.878
Yxy	14.8296, 0.1871, 0.1935
Android (android.graphics.Color)	4278218680 (0xFF006FB8)
YUV	86.1330, 48.2484, -75.5386
Hunter-Lab	38.5092, -0.9392, -46.1056

Details

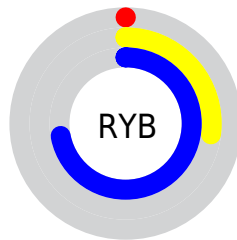
The Hex color **006FB8** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B84900**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **5DA2F1**, and **004082** is the 20% darker color. If you saturate the color by 10%, you get **006FB8**, and if you desaturate by 10%, it is **1276B8**.

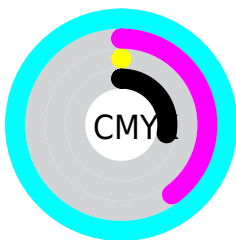
Distribution



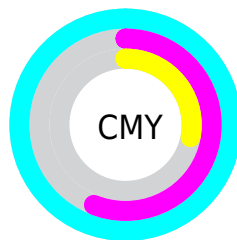
- Red (0%)
- Green (44%)
- Blue (72%)



- Red (0%)
- Yellow (27%)
- Blue (72%)



- Cyan (100%)
- Magenta (40%)
- Yellow (0%)
- Black (28%)



- Cyan (100%)
- Magenta (56%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006FB8 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 006FB8 by changing the saturation by 10% instead.

 006FB8

 006FB8

FFFFFF

 00579D

 5DA2F1

 004082

 7CBDFF

 002B69

 9AD9FF

 001750

 B8F5FF

 000539

 D6FFFF

 000222

 F4FFFF

 000008

 000000

 006FB8

■ 1276B8

■ 257EB8

■ 3785B8

■ 4A8CB8

■ 5C93B8

■ 6E9BB8

■ 81A2B8

■ 93A9B8

■ A6B1B8

Harmonies

Analogous

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



0079AE



006FB8



6F60AD

Triad

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



006FB8



AE4E45



187B46

Complementary

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



006FB8



B84900

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.



577525



006FB8



9C5C27

Square

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



006FB8



B0486B



7D6A17



007E6D

Rectangle

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



006FB8



90559B



7D6A17



34793A

Sweetspot

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



006FB8



A8D3F0



00B847



4D6778



F7F7F7



787878

Same Dimension

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



006FB8



0091F0



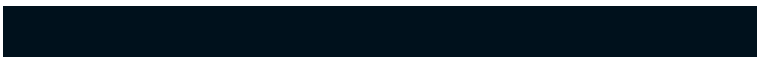
0015B8



53585C



005E9C



00111C

Inverse Universe

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



B8006F



F00091



B8A300



5C5358



9C005E



1C0011

Previews

White Background



This preview shows how the Hex color 006FB8 looks on a white background.

Color Contrast Check

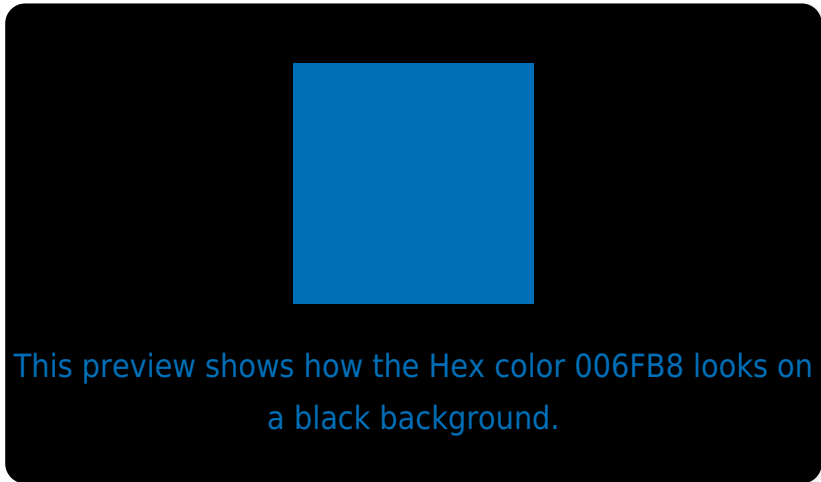
Large Text (above 18pt) WCAG AA ✓ Pass

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

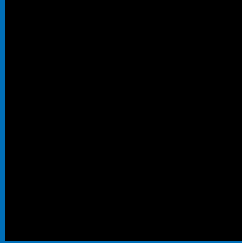
Any Text WCAG AA × Fail

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 006FB8 Background



This preview shows how black text looks on a background with the Hex color 006FB8.

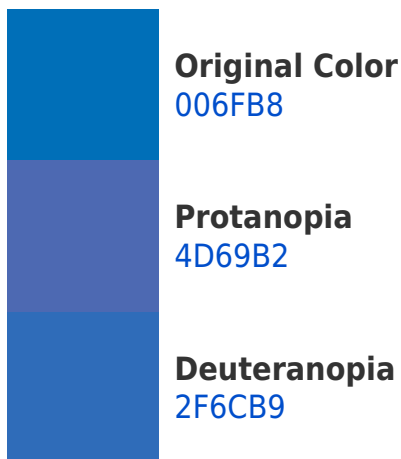


This preview shows how white text looks on a background with the Hex color 006FB8.

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](#).

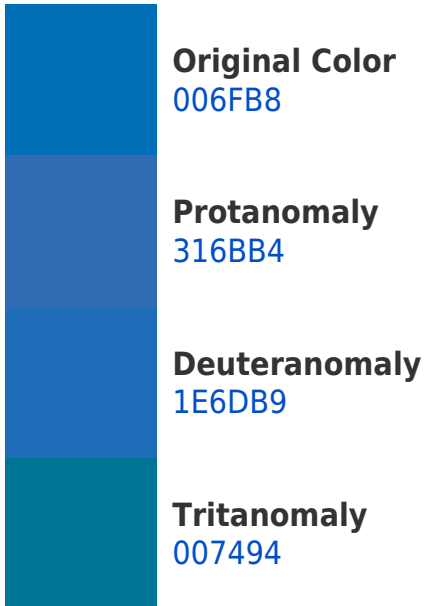
Dichromacy





Tritanopia
00777F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 006FB8 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 #006FB8 looks like.

```
.text, #text, p{  
    color:#006FB8  
}
```

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 #006FB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006FB8
}
```

Border

The CSS property to change the border of an element to Hex 006FB8 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
#006FB8 }
```

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

```
.border{ border-color:#006FB8 }
```

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

Here you see how a box with a 4 pixel #006FB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006FB8; -webkit-box-shadow:4px 4px  
4px 4px #006FB8; box-shadow:4px 4px 4px  
4px #006FB8 }
```

Background

The CSS property to change the background color of an element to Hex 006FB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006FB8 }
```

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

```
.background{ background-color:#006FB8 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor