

# Converting Colors

Hex(006FBE)

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

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

# Color

**Hex(006FBE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	006FBE
RGB	0, 111, 190
RGB Percent	0%, 44%, 75%
CMY	1.0000, 0.5647, 0.2549
CMYK	1.00, 0.42, 0.00, 0.25
HSL	205°, 100%, 37%
HSV	205°, 100%, 75%
XYZ	14.9787, 15.0866, 50.8377
YIQ	86.8170, -91.5150, 1.0370

# Conversions

## Conversions Part 2

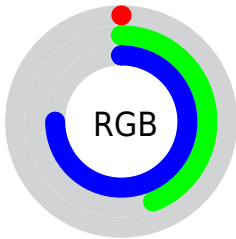
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 70, 190
Decimal	28606
CIELab	45.75, 3.90, -48.69
CIELCh	46, 48.843, 274.578
Yxy	15.0866, 0.1851, 0.1865
Android (android.graphics.Color)	4278218686 (0xFF006FBE)
YUV	86.8170, 50.8692, -76.1385
Hunter-Lab	38.8415, 0.8637, -50.4129

# Details

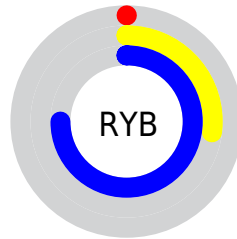
The Hex color **006FBE** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **BE4F00**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **5FA2F7**, and **004088** is the 20% darker color. If you saturate the color by 10%, you get **006FBE**, and if you desaturate by 10%, it is **1377BE**.

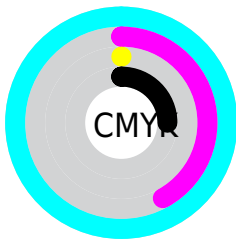
# Distribution



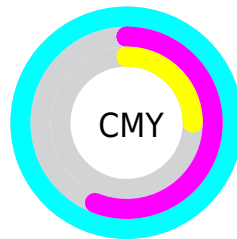
- Red (0%)
- Green (44%)
- Blue (75%)



- Red (0%)
- Yellow (27%)
- Blue (75%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (56%)
- Yellow (25%)

# Brightness & Saturation Gradients

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



006FBE

006FBE

FFFFFF

0057A3

5FA2F7

004088

7EBDFF

002B6E

9CD9FF

001755

BAF5FF

00063D

D9FFFF

000327

F7FFFF

000110

000000

006FBE

■ 1377BE

■ 267FBE

■ 3987BE

■ 4C8FBE

■ 5F97BE

■ 729EBE

■ 85A6BE

■ 98AEBE

■ ABB6BE

# Harmonies

## Analogous

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



007AB6



006FBE



755FB0

# Triad

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



006FBE



B24D40



007D47

# Complementary

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



006FBE



BE4F00

# 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.



517723



006FBE



9D5D20

# Square

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



006FBE



B54568



7B6C0F



008072

# Rectangle

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



006FBE



97539C



7B6C0F



287C3A



# Sweetspot

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



006FBE



ADD8F7



00BE4C



506A7D



FCFCFC



7D7D7D



# Same Dimension

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



006FBE



0091F7



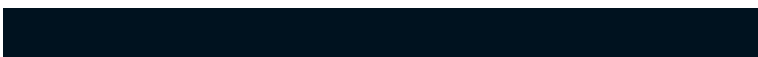
0013BE



555A5E



005C9E



00121F



# Inverse Universe

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



BE006F



F70091



BEAB00



5E555A



9E005C



1F0012



# Previews

## White Background



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

## Color Contrast Check

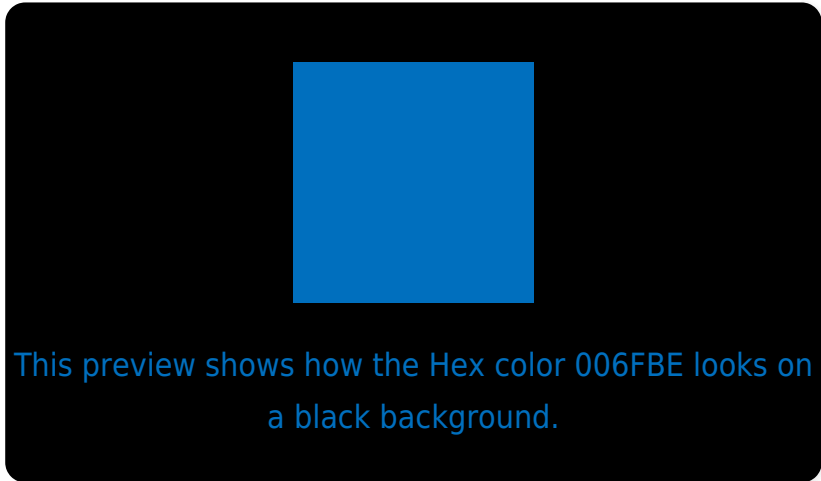
Large Text (above 18pt) WCAG AA ✓ Pass

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

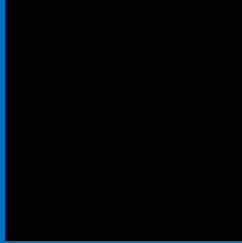
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 006FBE Background



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

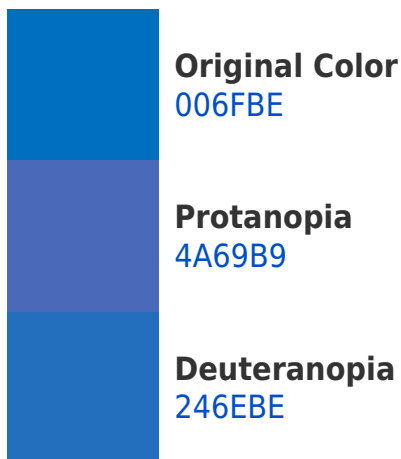


This preview shows how white text looks on a background with the Hex color 006FBE.

# Color Blindness Simulation

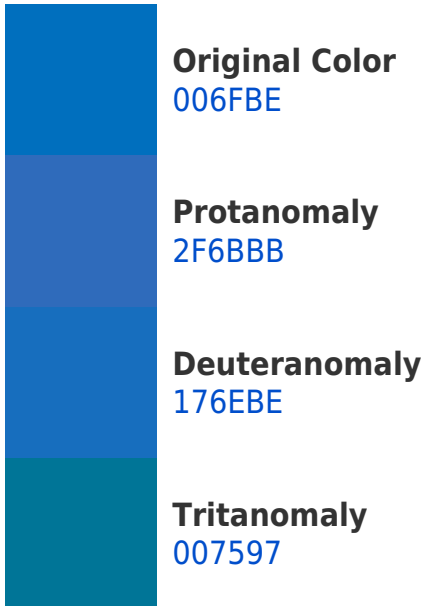
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #006FBE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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