

# Converting Colors

Hex(005FBB)

Have a look what the booklet for  
Hex(005FBB) contains.

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# Color

**Hex(005FBB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	005FBB
RGB	0, 95, 187
RGB Percent	0%, 37%, 73%
CMY	1.0000, 0.6275, 0.2667
CMYK	1.00, 0.49, 0.00, 0.27
HSL	210°, 100%, 37%
HSV	210°, 100%, 73%
XYZ	13.0618, 11.7723, 48.5976
YIQ	77.0830, -86.1520, 8.4720

# Conversions

## Conversions Part 2

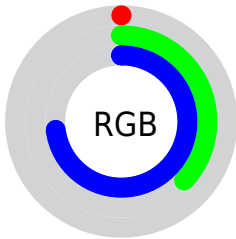
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 63, 187
Decimal	24507
CIELab	40.85, 12.97, -54.82
CIELCh	41, 56.337, 283.312
Yxy	11.7723, 0.1779, 0.1603
Android (android.graphics.Color)	4278214587 (0xFF005FBB)
YUV	77.0830, 54.1891, -67.6018
Hunter-Lab	34.3107, 7.9098, -59.9605

# Details

The Hex color **005FBB** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **BB5C00**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **5E91F4**, and **003285** is the 20% darker color. If you saturate the color by 10%, you get **005FBB**, and if you desaturate by 10%, it is **1368BB**.

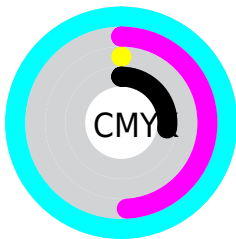
# Distribution



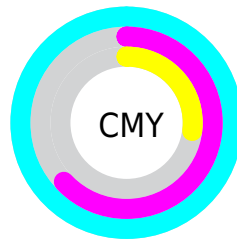
- Red (0%)
- Green (37%)
- Blue (73%)



- Red (0%)
- Yellow (25%)
- Blue (73%)



- Cyan (100%)
- Magenta (49%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (63%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 005FBB 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 005FBB by changing the saturation by 10% instead.



 005FBB

 005FBB

FFFFFF

 0048A0

 5E91F4

 003285

 7DABFF

 001F6B

 9BC6FF

 000452

 B9E2FF

 00063A

 D8FFFF

 000224

 F6FFFF

 00000B

 000000

 005FBB


 1368BB

 2571BB

 387BBB

 4B84BB

 5E8DBB

 7096BB

 839FBB

 96A9BB

 A8B2BB

# Harmonies

## Analogous

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



006DB9



005FBB



7B4AA4

# Triad

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



005FBB



A63F22



007344

# Complementary

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



005FBB



BB5C00

# 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.



2A6E13



005FBB



8A5500

# Square

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



005FBB



B12C4E



626500



007574

# Rectangle

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



005FBB



9B398B



626500



007234

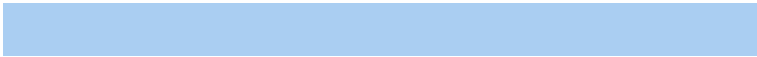


# Sweetspot

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



005FBB



AACEF2



00BB5A



4E657A



FAFAFA



7A7A7A



# Same Dimension

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



005FBB



007BF2



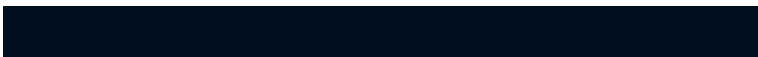
0003BB



555A5E



00509E



00101F



# Inverse Universe

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



BB005F



F2007B



BBB800



5E555A



9E0050



1F0010



# Previews

## White Background



This preview shows how the Hex color 005FBB looks on a white background.

### Color Contrast Check

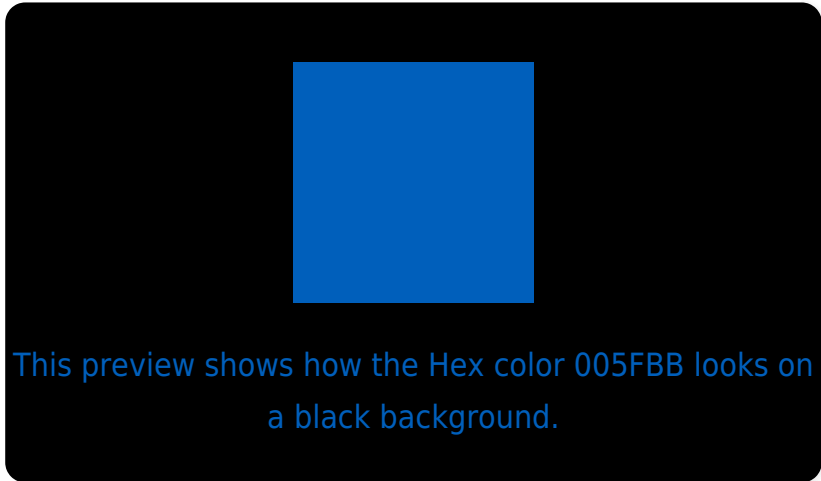
Large Text (above 18pt) WCAG AA ✓ Pass

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

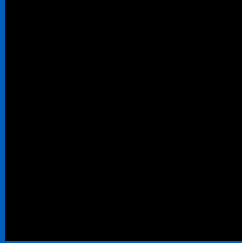
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 005FBB Background



This preview shows how black text looks on a background with the Hex color 005FBB.

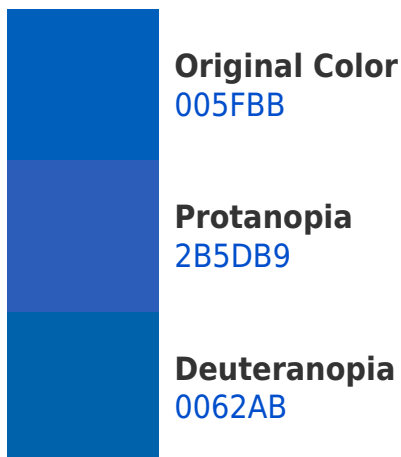


This preview shows how white text looks on a background with the Hex color 005FBB.

# 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



**Original Color**  
005FBB

**Protanomaly**  
1B5EBA

**Deuteranomaly**  
0061B1

# Monochromacy



**Original Color**  
005FBB

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
315475

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 005FBB 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 #005FBB looks like.

```
.text, #text, p{  
    color:#005FBB  
}
```

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 #005FBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005FBB
}
```

## Border

The CSS property to change the border of an element to Hex 005FBB 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
#005FBB }
```

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

```
.border{ border-color:#005FBB }
```

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

Here you see how a box with a 4 pixel #005FBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005FBB; -webkit-box-shadow:4px 4px  
4px 4px #005FBB; box-shadow:4px 4px 4px  
4px #005FBB }
```

# Background

The CSS property to change the background color of an element to Hex 005FBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005FBB }
```

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

```
.background{ background-color:#005FBB }
```

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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