

# Converting Colors

Hex(005FB8)

Have a look what the booklet for  
Hex(005FB8) contains.

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# Color

**Hex(005FB8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	005FB8
RGB	0, 95, 184
RGB Percent	0%, 37%, 72%
CMY	1.0000, 0.6275, 0.2784
CMYK	1.00, 0.48, 0.00, 0.28
HSL	209°, 100%, 36%
HSV	209°, 100%, 72%
XYZ	12.7439, 11.6451, 46.9235
YIQ	76.7410, -85.1890, 7.5390

# Conversions

## Conversions Part 2

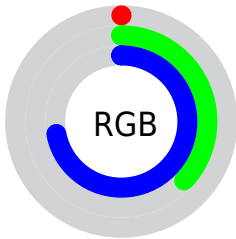
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	0, 63, 184
Decimal	24504
CIE <sub>Lab</sub>	40.65, 11.75, -53.40
CIE <sub>LCh</sub>	41, 54.679, 282.406
Yxy	11.6451, 0.1787, 0.1633
Android (android.graphics.Color)	4278214584 (0xFF005FB8)
YUV	76.7410, 52.8787, -67.3019
Hunter-Lab	34.1249, 6.9421, -57.6392

# Details

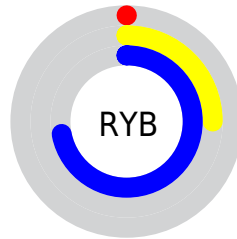
The Hex color **005FB8** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **B85900**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **5D91F1**, and **003282** is the 20% darker color. If you saturate the color by 10%, you get **005FB8**, and if you desaturate by 10%, it is **1268B8**.

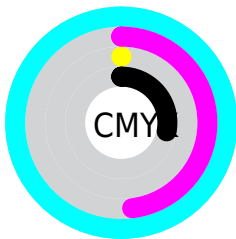
# Distribution



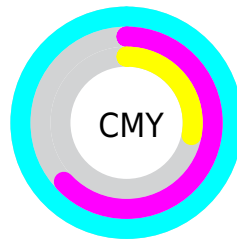
- Red (0%)
- Green (37%)
- Blue (72%)



- Red (0%)
- Yellow (25%)
- Blue (72%)



- Cyan (100%)
- Magenta (48%)
- Yellow (0%)
- Black (28%)



- Cyan (100%)
- Magenta (63%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 005FB8 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 005FB8 by changing the saturation by 10% instead.



 005FB8

 005FB8

FFFFFF

 00489D

 5D91F1

 003282

 7CABFF

 001E68

 9AC6FF

 000350

 B8E2FF

 000538

 D6FFFF

 000221

 F5FFFF

 000007

 000000

 005FB8

■ 1268B8

■ 2571B8

■ 377AB8

■ 4A83B8

■ 5C8BB8

■ 6E94B8

■ 819DB8

■ 93A6B8

■ A6AFB8

# Harmonies

## Analogous

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



006CB5



005FB8



784BA3

# Triad

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



005FB8



A43F25



007243

# Complementary

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



005FB8



B85900

# 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.



2E6D14



005FB8



895400

# Square

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



005FB8



AF2F4F



636400



007472

# Rectangle

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



005FB8



983B8A



636400



007134

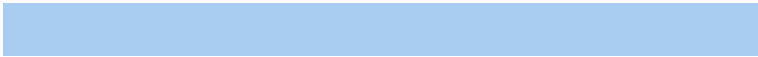


# Sweetspot

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



005FB8



A8CDF0



00B859



4D6378



F7F7F7



787878



# Same Dimension

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



005FB8



007CF0



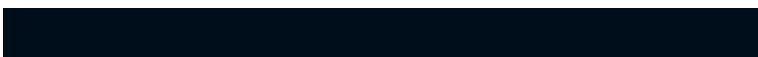
0003B8



53575C



00509C



000E1C



# Inverse Universe

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



B8005F



F0007C



B8B500



5C5357



9C0050



1C000E



# Previews

## White Background



This preview shows how the Hex color 005FB8 looks on a white background.

## Color Contrast Check

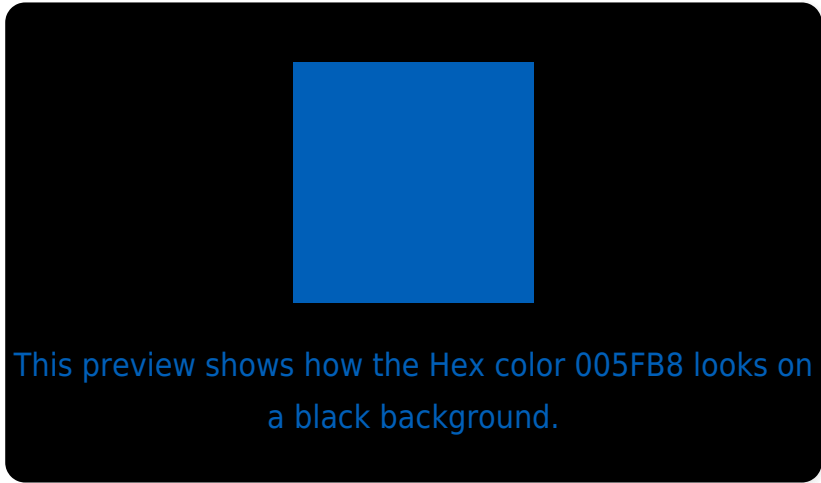
Large Text (above 18pt) WCAG AA ✓ Pass

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

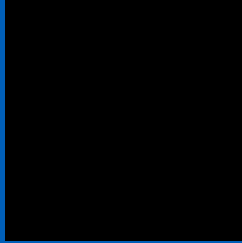
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 005FB8 Background



This preview shows how black text looks on a background with the Hex color 005FB8.

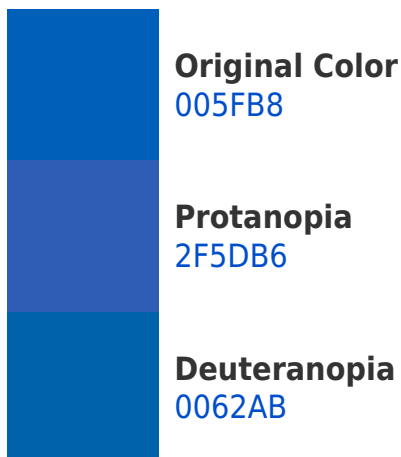


This preview shows how white text looks on a background with the Hex color 005FB8.

# 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](#).

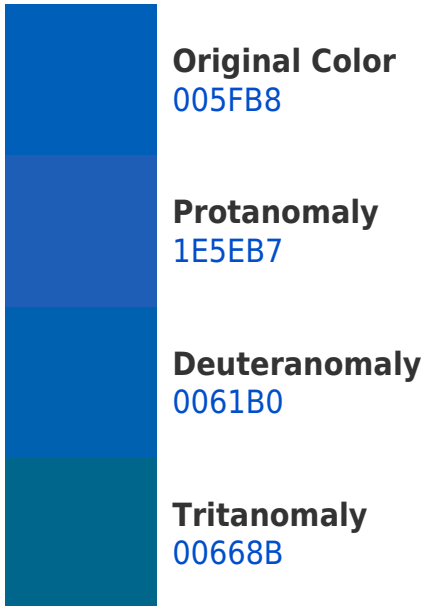
## Dichromacy





**Tritanopia**  
006A71

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 005FB8 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 #005FB8 looks like.

```
.text, #text, p{  
    color:#005FB8  
}
```

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 #005FB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005FB8
}
```

## Border

The CSS property to change the border of an element to Hex 005FB8 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
#005FB8 }
```

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

```
.border{ border-color:#005FB8 }
```

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

Here you see how a box with a 4 pixel #005FB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005FB8; -webkit-box-shadow:4px 4px  
4px 4px #005FB8; box-shadow:4px 4px 4px  
4px #005FB8 }
```

# Background

The CSS property to change the background color of an element to Hex 005FB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005FB8 }
```

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

```
.background{ background-color:#005FB8 }
```

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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