

Converting Colors

Hex(005FBA)

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

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Color

Hex(005FBA)

Conversions

Conversions Part 1

Format	Color
Hex	005FBA
RGB	0, 95, 186
RGB Percent	0%, 37%, 73%
CMY	1.0000, 0.6275, 0.2706
CMYK	1.00, 0.49, 0.00, 0.27
HSL	209°, 100%, 36%
HSV	209°, 100%, 73%
XYZ	12.9551, 11.7296, 48.0356
YIQ	76.9690, -85.8310, 8.1610

Conversions

Conversions Part 2

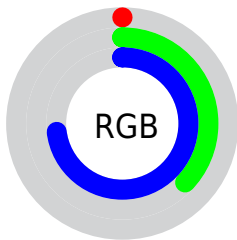
Format	Color
R _{YB}	0, 63, 186
Decimal	24506
CIE Lab	40.78, 12.56, -54.35
CIE LCh	41, 55.784, 283.016
Yxy	11.7296, 0.1782, 0.1613
Android (android.graphics.Color)	4278214586 (0xFF005FBA)
YUV	76.9690, 53.7523, -67.5018
Hunter-Lab	34.2485, 7.5861, -59.1839

Details

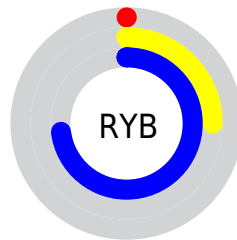
The Hex color **005FBA** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **BA5B00**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **5E91F3**, and **003284** is the 20% darker color. If you saturate the color by 10%, you get **005FBA**, and if you desaturate by 10%, it is **1368BA**.

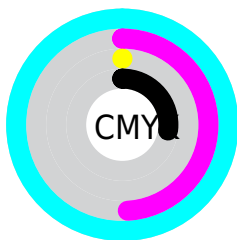
Distribution



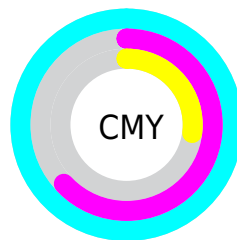
- Red (0%)
- Green (37%)
- Blue (73%)



- 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 005FBA 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 005FBA by changing the saturation by 10% instead.

 005FBA

 005FBA

FFFFFF

 00489F

 5E91F3

 003284

 7DABFF

 001F6A

 9BC6FF

 000451

 B9E2FF

 000539

 D7FFFF

 000223

 F6FFFF

 00000A

 000000

 005FBA

■ 1368BA

■ 2571BA

■ 387ABA

■ 4A83BA

■ 5D8CBA

■ 7096BA

■ 829FBA

■ 95A8BA

■ A7B1BA

Harmonies

Analogous

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



006DB8



005FBA



7A4AA4

Triad

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



005FBA



A63F23



007344

Complementary

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



005FBA



BA5B00

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.



2B6E13



005FBA



895400

Square

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



005FBA



B02D4E



626400



007573

Rectangle

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



005FBA



9A3A8A



626400



007234

Sweetspot

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



005FBA



AACFF2



00BA5A



4E657A



FAFAFA



7A7A7A

Same Dimension

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



005FBA



007CF2



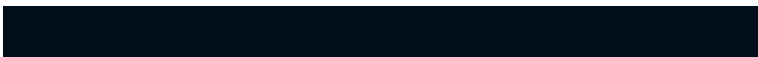
0003BA



53575C



004F9C



000E1C

Inverse Universe

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



BA005F



F2007C



BAB700



5C5357



9C004F



1C000E

Previews

White Background



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

Color Contrast Check

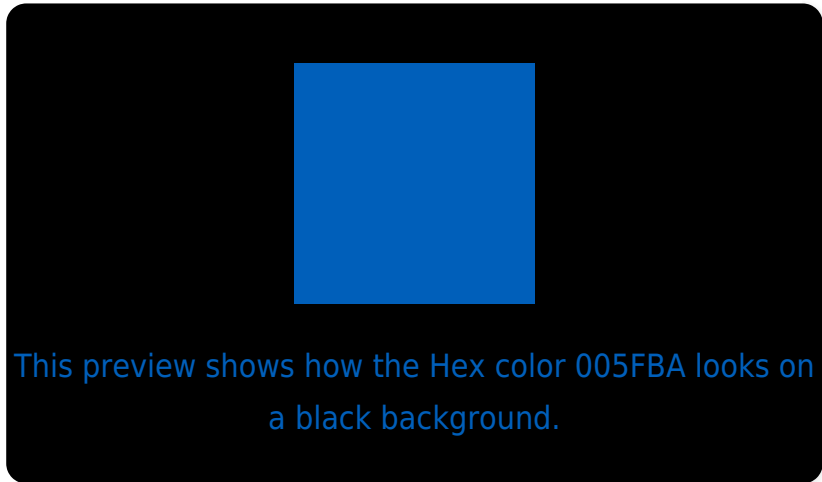
Large Text (above 18pt) WCAG AA ✓ Pass

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

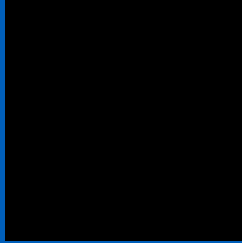
Any Text WCAG AA × Fail

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 005FBA Background



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

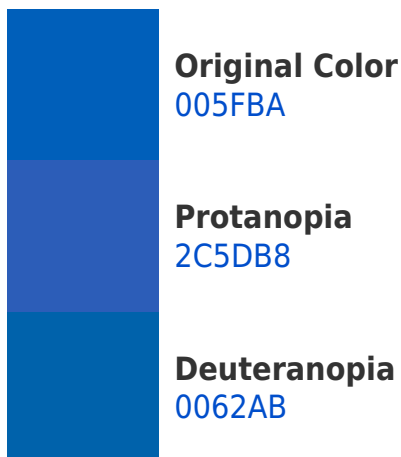


This preview shows how white text looks on a background with the Hex color 005FBA.

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
005FBA

Protanomaly
1C5EB9

Deuteranomaly
0061B0

Monochromacy



Original Color
005FBA

Achromatopsia
4D4D4D

Achromatomaly
315475

CSS Examples

Text

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

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

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 #005FBA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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