

Converting Colors

Hex(005FB2)

Have a look what the booklet for
Hex(005FB2) contains.

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Color

Hex(005FB2)

Conversions

Conversions Part 1

Format	Color
Hex	005FB2
RGB	0, 95, 178
RGB Percent	0%, 37%, 70%
CMY	1.0000, 0.6275, 0.3020
CMYK	1.00, 0.47, 0.00, 0.30
HSL	208°, 100%, 35%
HSV	208°, 100%, 70%
XYZ	12.1281, 11.3988, 43.6804
YIQ	76.0570, -83.2630, 5.6730

Conversions

Conversions Part 2

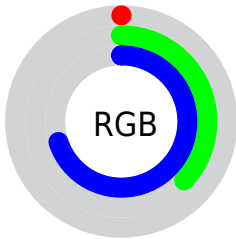
Format	Color
RYB	0, 62, 178
Decimal	24498
CIELab	40.24, 9.29, -50.53
CIELCh	40, 51.379, 280.418
Yxy	11.3988, 0.1805, 0.1696
Android (android.graphics.Color)	4278214578 (0xFF005FB2)
YUV	76.0570, 50.2579, -66.7020
Hunter-Lab	33.7621, 5.0376, -53.0743

Details

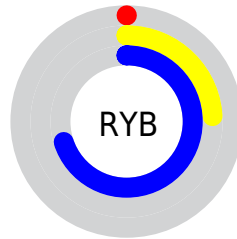
The Hex color **005FB2** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **B25300**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **5B91EA**, and **00327D** is the 20% darker color. If you saturate the color by 10%, you get **005FB2**, and if you desaturate by 10%, it is **1267B2**.

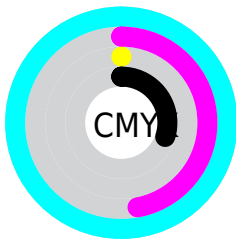
Distribution



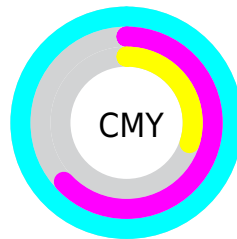
- Red (0%)
- Green (37%)
- Blue (70%)



- Red (0%)
- Yellow (24%)
- Blue (70%)



- Cyan (100%)
- Magenta (47%)
- Yellow (0%)
- Black (30%)



- Cyan (100%)
- Magenta (63%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005FB2 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 005FB2 by changing the saturation by 10% instead.

■ 005FB2

■ 005FB2

FFFFFF

■ 004897

■ 5B91EA

■ 00327D

■ 7AABFF

■ 001E63

■ 98C6FF

■ 00034B

■ B6E2FF

■ 000433

■ D4FFFF

■ 00021D

■ F2FFFF

■ 000000

■ 005FB2

■ 1267B2

■ 2470B2

■ 3578B2

■ 4780B2

■ 5988B2

■ 6B91B2

■ 7D99B2

■ 8EA1B2

■ A0AAB2

Harmonies

Analogous

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



006BAE



005FB2



734D9F

Triad

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



005FB2



A1402A



007041

Complementary

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



005FB2



B25300

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.



366B17



005FB2



895302

Square

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



005FB2



A93252



656200



00726D

Rectangle

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



005FB2



913F89



656200



006F33

Sweetspot

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



005FB2



A2C8E8



00B250



4B6275



F5F5F5



757575

Same Dimension

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



005FB2



007CE8



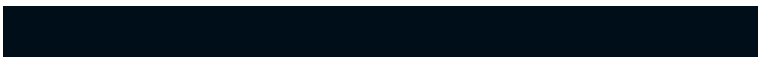
0009B2



505559



005299



000E1A

Inverse Universe

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



B2005F



E8007C



B2A900



595055



990052



1A000E

Previews

White Background



This preview shows how the Hex color 005FB2 looks on a white background.

Color Contrast Check

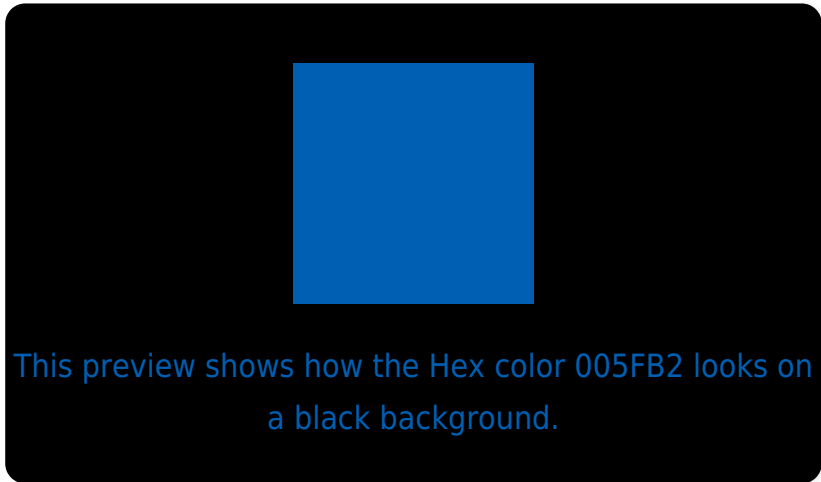
Large Text (above 18pt) WCAG AA ✓ Pass

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

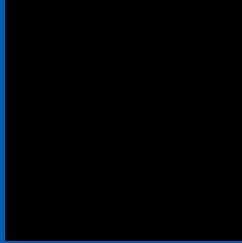
Any Text WCAG AA × Fail

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 005FB2 Background



This preview shows how black text looks on a background with the Hex color 005FB2.



This preview shows how white text looks on a background with the Hex color 005FB2.

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



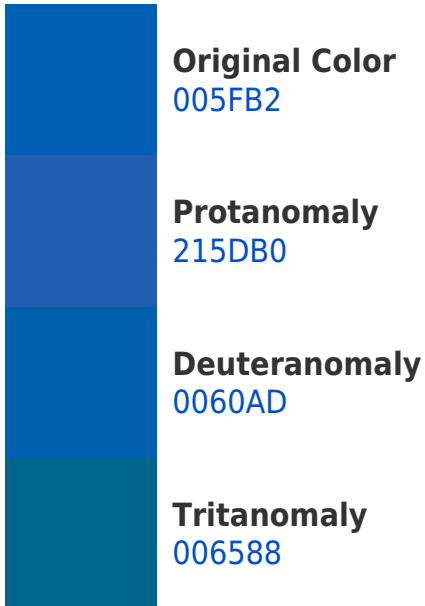
Original Color
005FB2

Protanopia
345CAF

Deuteranopia
0061AA



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 005FB2 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 #005FB2 looks like.

```
.text, #text, p{  
    color:#005FB2  
}
```

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 #005FB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005FB2
}
```

Border

The CSS property to change the border of an element to Hex 005FB2 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
#005FB2 }
```

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

```
.border{ border-color:#005FB2 }
```

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

Here you see how a box with a 4 pixel #005FB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005FB2; -webkit-box-shadow:4px 4px  
4px 4px #005FB2; box-shadow:4px 4px 4px  
4px #005FB2 }
```

Background

The CSS property to change the background color of an element to Hex 005FB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005FB2 }
```

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

```
.background{ background-color:#005FB2 }
```

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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