

Converting Colors

Hex(005BB3)

Have a look what the booklet for
Hex(005BB3) contains.

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Color

Hex(005BB3)

Conversions

Conversions Part 1

Format	Color
Hex	005BB3
RGB	0, 91, 179
RGB Percent	0%, 36%, 70%
CMY	1.0000, 0.6431, 0.2980
CMYK	1.00, 0.49, 0.00, 0.30
HSL	209°, 100%, 35%
HSV	209°, 100%, 70%
XYZ	11.8778, 10.7368, 44.0942
YIQ	73.8230, -82.4840, 8.0760

Conversions

Conversions Part 2

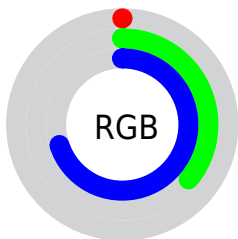
Format	Color
RYB	0, 60, 179
Decimal	23475
CIELab	39.13, 12.33, -52.91
CIELCh	39, 54.329, 283.121
Yxy	10.7368, 0.1781, 0.1610
Android (android.graphics.Color)	4278213555 (0xFF005BB3)
YUV	73.8230, 51.8523, -64.7428
Hunter-Lab	32.7671, 7.3621, -56.8487

Details

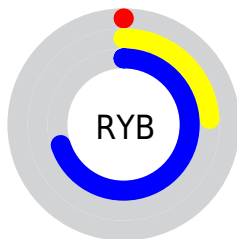
The Hex color **005BB3** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **B35800**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **5C8CEB**, and **002F7D** is the 20% darker color. If you saturate the color by 10%, you get **005BB3**, and if you desaturate by 10%, it is **1264B3**.

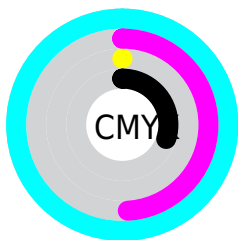
Distribution



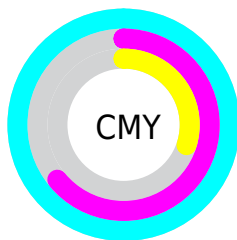
- Red (0%)
- Green (36%)
- Blue (70%)



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



- Cyan (100%)
- Magenta (49%)
- Yellow (0%)
- Black (30%)



- Cyan (100%)
- Magenta (64%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005BB3 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 005BB3 by changing the saturation by 10% instead.

■ 005BB3

■ 005BB3

FFFFFF

■ 004498

■ 5C8CEB

■ 002F7D

■ 7BA7FF

■ 001B64

■ 98C2FF

■ 00024B

■ B6DDFF

■ 000434

■ D4FAFF

■ 00021E

■ F3FFFF

■ 000000

■ 005BB3

■ 1264B3

■ 246DB3

■ 3675B3

■ 487EB3

■ 5A87B3

■ 6B90B3

■ 7D99B3

■ 8FA1B3

■ A1AAB3

Harmonies

Analogous

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



0068B1



005BB3



76479D

Triad

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



005BB3



9F3C21



006E41

Complementary

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



005BB3



B35800

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.



296A12



005BB3



845100

Square

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



005BB3



AA2B4B



5E6000



00706F

Rectangle

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



005BB3



943785



5E6000



006D32

Sweetspot

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



005BB3



A2C6E8



00B357



4B6175



F5F5F5



757575

Same Dimension

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



005BB3



0076E8



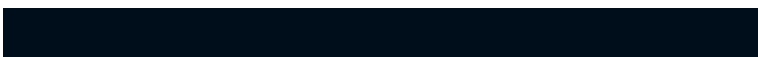
0003B3



505559



004E99



000D1A

Inverse Universe

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



B3005B



E80076



B3B000



595055



99004E



1A000D

Previews

White Background



This preview shows how the Hex color 005BB3 looks on a white background.

Color Contrast Check

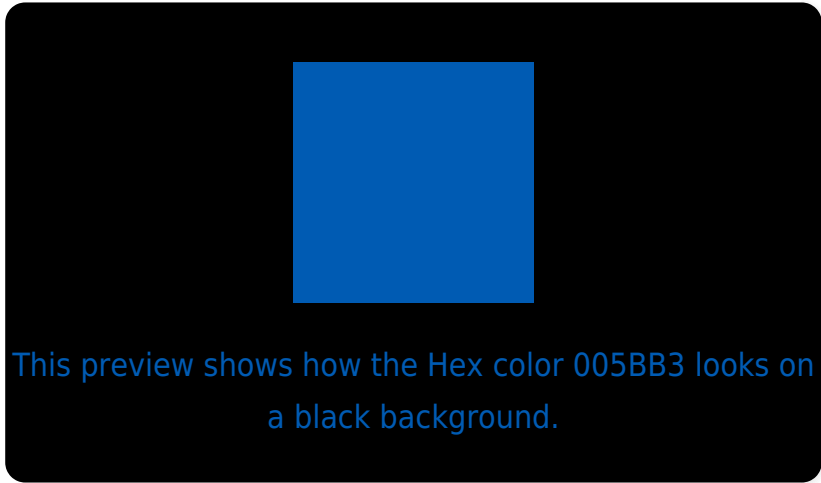
Large Text (above 18pt) WCAG AA ✓ Pass

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

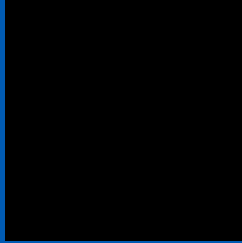
Any Text WCAG AA × Fail

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 005BB3 Background



This preview shows how black text looks on a background with the Hex color 005BB3.

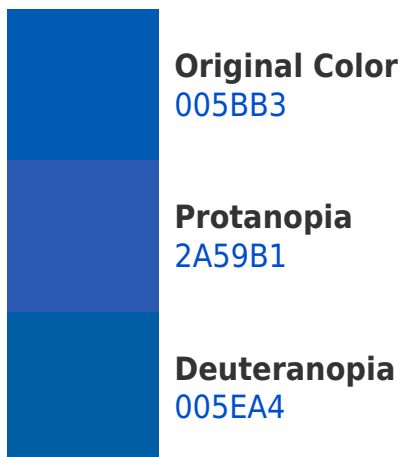


This preview shows how white text looks on a background with the Hex color 005BB3.

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
00666D

Trichromacy



Original Color
005BB3

Protanomaly
1B5AB2

Deuteranomaly
005DA9

Tritanomaly
006286

Monochromacy



Original Color
005BB3

Achromatopsia
4A4A4A

Achromatomaly
2F5070

CSS Examples

Text

The CSS property to change the color of the text to Hex 005BB3 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 #005BB3 looks like.

```
.text, #text, p{  
    color:#005BB3  
}
```

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 #005BB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005BB3
}
```

Border

The CSS property to change the border of an element to Hex 005BB3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

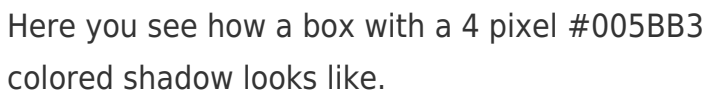
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#005BB3 }
```

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

```
.border{ border-color:#005BB3 }
```

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



Here you see how a box with a 4 pixel #005BB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005BB3; -webkit-box-shadow:4px 4px  
4px 4px #005BB3; box-shadow:4px 4px 4px  
4px #005BB3 }
```

Background

The CSS property to change the background color of an element to Hex 005BB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005BB3 }
```

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

```
.background{ background-color:#005BB3 }
```

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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