

Converting Colors

Hex(005BBE)

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

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Color

Hex(005BBE)

Conversions

Conversions Part 1

Format	Color
Hex	005BBE
RGB	0, 91, 190
RGB Percent	0%, 36%, 75%
CMY	1.0000, 0.6431, 0.2549
CMYK	1.00, 0.52, 0.00, 0.25
HSL	211°, 100%, 37%
HSV	211°, 100%, 75%
XYZ	13.0353, 11.1999, 50.1900
YIQ	75.0770, -86.0150, 11.4970

Conversions

Conversions Part 2

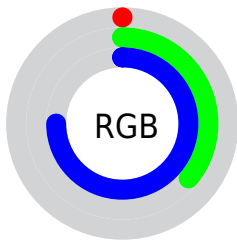
Format	Color
RYB	0, 62, 190
Decimal	23486
CIELab	39.92, 16.84, -58.09
CIELCh	40, 60.480, 286.162
Yxy	11.1999, 0.1751, 0.1505
Android (android.graphics.Color)	4278213566 (0xFF005BBE)
YUV	75.0770, 56.6570, -65.8425
Hunter-Lab	33.4662, 10.9612, -65.4920

Details

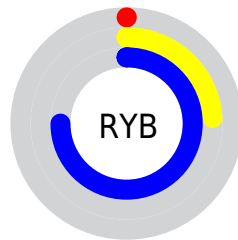
The Hex color **005BBE** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **BE6300**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **5F8CF7**, and **002F88** is the 20% darker color. If you saturate the color by 10%, you get **005BBE**, and if you desaturate by 10%, it is **1365BE**.

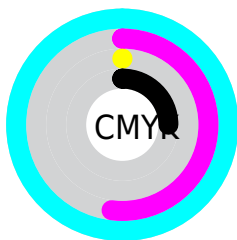
Distribution



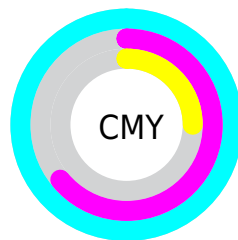
- Red (0%)
- Green (36%)
- Blue (75%)



- Red (0%)
- Yellow (24%)
- Blue (75%)



- Cyan (100%)
- Magenta (52%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (64%)
- Yellow (25%)

Brightness & Saturation Gradients

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

 005BBE

 005BBE

FFFFFF

 0044A2


 5F8CF7

 002F88

 7EA7FF

 001C6E

 9DC2FF

 000055

 BBDDFF

 00063C

 D9FAFF

 000226

 F8FFFF

 00010F

 000000

 005BBE

■ 1365BE

■ 266FBE

■ 3979BE

■ 4C83BE

■ 5F8DBE

■ 7296BE

■ 85A0BE

■ 98AABE

■ ABB4BE

Harmonies

Analogous

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



006ABF



005BBE



8042A3

Triad

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



005BBE



A53B16



007245

Complementary

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



005BBE



BE6300

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.



136D0C



005BBE



855300

Square

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



005BBE



B32246



5A6400



007478

Rectangle

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



005BBE



A02F87



5A6400



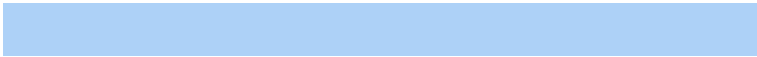
007133

Sweetspot

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



005BBE



ADD1F7



00BE62



50667D



FCFCFC



7D7D7D

Same Dimension

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



005BBE



0076F7



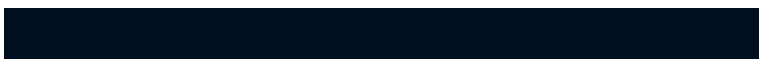
0300BE



55595E



004C9E



000F1F

Inverse Universe

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



BE005B



F70076



BBBE00



5E5559



9E004C



1F000F

Previews

White Background



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

Color Contrast Check

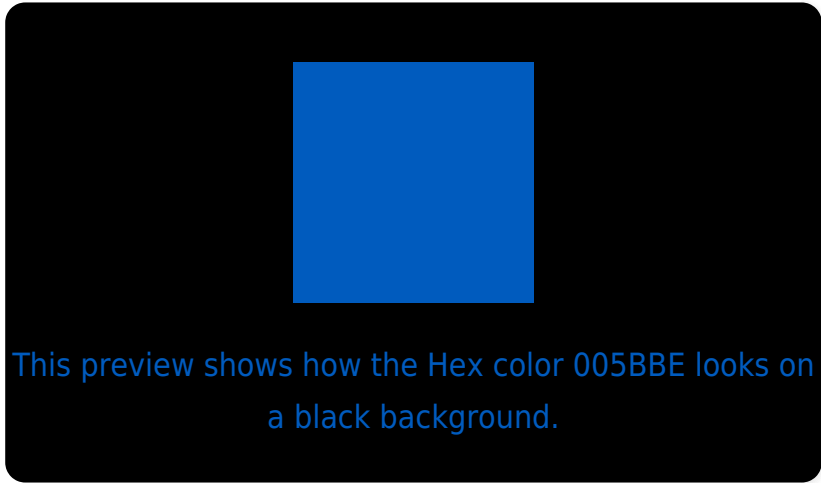
Large Text (above 18pt) WCAG AA ✓ Pass

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

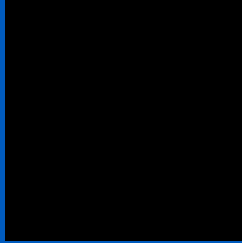
Any Text WCAG AA × Fail

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 005BBE Background



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



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

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](#).

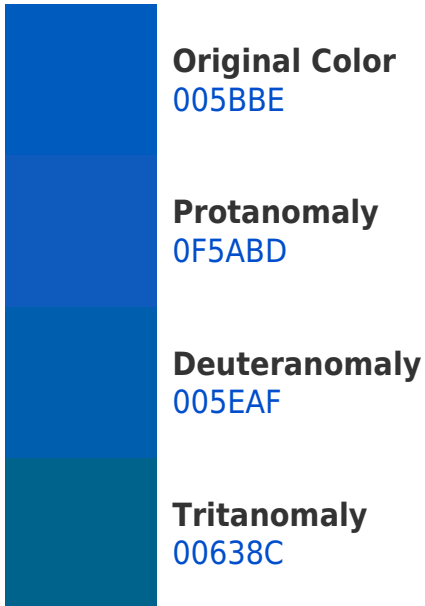
Dichromacy





Tritanopia
00686F

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #005BBE colored shadow looks like.

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

Border

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

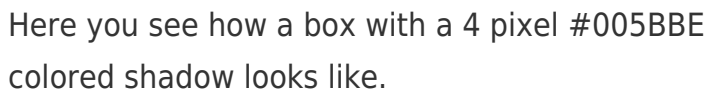
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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