

Converting Colors

Hex(005BC7)

Have a look what the booklet for
Hex(005BC7) contains.

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Color

Hex(005BC7)

Conversions

Conversions Part 1

Format	Color
Hex	005BC7
RGB	0, 91, 199
RGB Percent	0%, 36%, 78%
CMY	1.0000, 0.6431, 0.2196
CMYK	1.00, 0.54, 0.00, 0.22
HSL	213°, 100%, 39%
HSV	213°, 100%, 78%
XYZ	14.0499, 11.6057, 55.5324
YIQ	76.1030, -88.9040, 14.2960

Conversions

Conversions Part 2

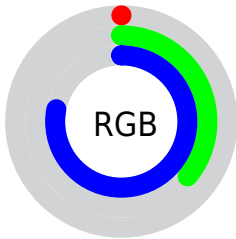
Format	Color
RYB	0, 62, 199
Decimal	23495
CIELab	40.58, 20.48, -62.24
CIELCh	41, 65.521, 288.216
Yxy	11.6057, 0.1731, 0.1429
Android (android.graphics.Color)	4278213575 (0xFF005BC7)
YUV	76.1030, 60.5882, -66.7423
Hunter-Lab	34.0671, 13.9991, -72.8010

Details

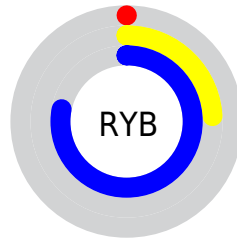
The Hex color **005BC7** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **C76C00**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **628CFF**, and **002F90** is the 20% darker color. If you saturate the color by 10%, you get **005BC7**, and if you desaturate by 10%, it is **1466C7**.

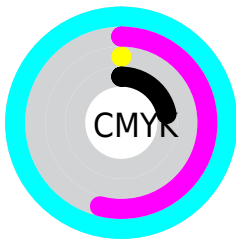
Distribution



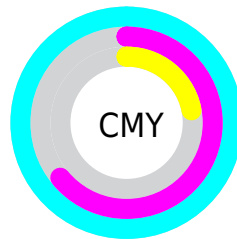
- Red (0%)
- Green (36%)
- Blue (78%)



- Red (0%)
- Yellow (24%)
- Blue (78%)



- Cyan (100%)
- Magenta (54%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (64%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005BC7 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 005BC7 by changing the saturation by 10% instead.

 005BC7

 005BC7

FFFFFF

 0044AB

 628CFF

 002F90

 82A7FF

 001C76

 A0C2FF

 00005C

 BFDDFF

 000744

 DDFAFF

 00032D

 FCFFFF

 000117

 000000

 005BC7

 1466C7

 2871C7

 3C7BC7

 5086C7

 6491C7

 779CC7

 8BA7C7

 9FB1C7

 B3BCC7

Harmonies

Analogous

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



006CCA



005BC7



893EA8

Triad

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



005BC7



AA3B0A



007548

Complementary

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



005BC7



C76C00

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.



007107



005BC7



865600

Square

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



005BC7



BB1842



566700



007780

Rectangle

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



005BC7



A92689



566700



007435

Sweetspot

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



005BC7



B3D5FF



00C76A



526780



000000



808080

Same Dimension

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



005BC7



0075FF



0700C7



5A5E63



004BA3



001024

Inverse Universe

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



C7005B



FF0075



C0C700



635A5E



A3004B



240010

Previews

White Background



This preview shows how the Hex color 005BC7 looks on a white background.

Color Contrast Check

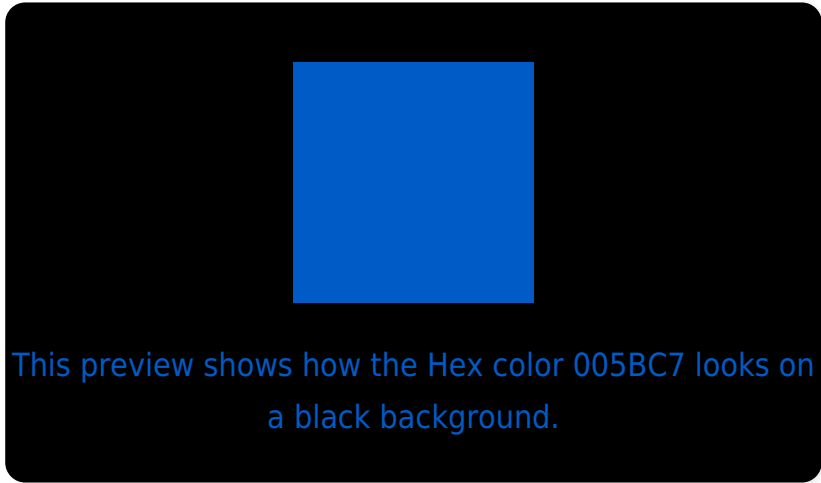
Large Text (above 18pt) WCAG AA ✓ Pass

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

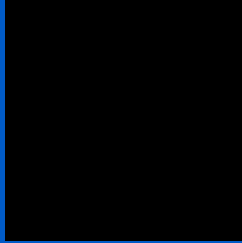
Any Text WCAG AA × Fail

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 005BC7 Background



This preview shows how black text looks on a background with the Hex color 005BC7.



This preview shows how white text looks on a background with the Hex color 005BC7.

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
005BC7

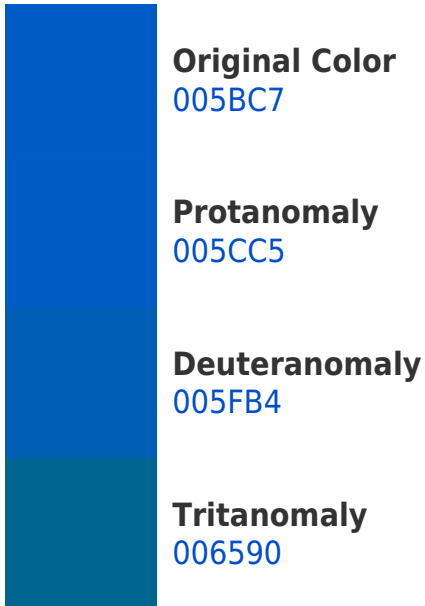
Protanopia
005CC4

Deuteranopia
0062A9



Tritanopia
006A71

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 005BC7 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 #005BC7 looks like.

```
.text, #text, p{  
    color:#005BC7  
}
```

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 #005BC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005BC7
}
```

Border

The CSS property to change the border of an element to Hex 005BC7 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
#005BC7 }
```

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

```
.border{ border-color:#005BC7 }
```

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

Here you see how a box with a 4 pixel #005BC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005BC7; -webkit-box-shadow:4px 4px  
4px 4px #005BC7; box-shadow:4px 4px 4px  
4px #005BC7 }
```

Background

The CSS property to change the background color of an element to Hex 005BC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005BC7 }
```

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

```
.background{ background-color:#005BC7 }
```

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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