

# Converting Colors

Hex(005CB4)

Have a look what the booklet for  
Hex(005CB4) contains.

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# Color

Hex(005CB4)

# Conversions

## Conversions Part 1

Format	Color
Hex	005CB4
RGB	0, 92, 180
RGB Percent	0%, 36%, 71%
CMY	1.0000, 0.6392, 0.2941
CMYK	1.00, 0.49, 0.00, 0.29
HSL	209°, 100%, 35%
HSV	209°, 100%, 71%
XYZ	12.0654, 10.9496, 44.6576
YIQ	74.5240, -83.0800, 7.8640

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 61, 180</a>
Decimal	<a href="#">23732</a>
<a href="#">CIELab</a>	<a href="#">39.50, 12.08, -52.91</a>
<a href="#">CIELCh</a>	<a href="#">39, 54.277, 282.863</a>
<a href="#">Yxy</a>	<a href="#">10.9496, 0.1783, 0.1618</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4278213812 (0xFF005CB4)</a>
<a href="#">YUV</a>	<a href="#">74.5240, 51.9997, -65.3575</a>
<a href="#">Hunter-Lab</a>	<a href="#">33.0901, 7.1771, -56.8531</a>

# Details

The Hex color **005CB4** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **B45800**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **5C8EED**, and **00307E** is the 20% darker color. If you saturate the color by 10%, you get **005CB4**, and if you desaturate by 10%, it is **1265B4**.

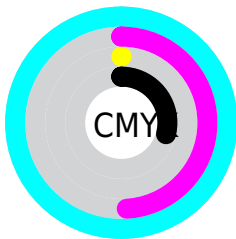
# Distribution



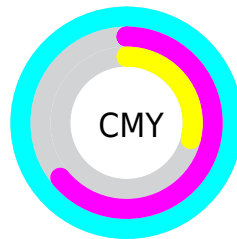
- Red (0%)
- Green (36%)
- Blue (71%)



- Red (0%)
- Yellow (24%)
- Blue (71%)



- Cyan (100%)
- Magenta (49%)
- Yellow (0%)
- Black (29%)



- Cyan (100%)
- Magenta (64%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 005CB4 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 005CB4 by changing the saturation by 10% instead.



 005CB4

 005CB4

FFFFFF

 004599

 5C8EED

 00307E

 7BA8FF

 001C65

 99C3FF

 00024C


 B7DFFF

 000534

 D5FBFF

 00021E

 F3FFFF

 000001

 000000

 005CB4

 1265B4

 246EB4

 3676B4

 487FB4

 5A88B4

 6C91B4

 7E9AB4

 90A2B4

 A2ABB4

# Harmonies

## Analogous

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



0069B2



005CB4



76489E

# Triad

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



005CB4



A03D22



006F41

# Complementary

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



005CB4



B45800

# 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.



2B6A13



005CB4



855200

# Square

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



005CB4



AB2C4C



5F6100



00716F

# Rectangle

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



005CB4



953886



5F6100



006E32

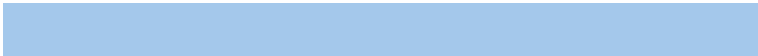


# Sweetspot

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



005CB4



A4C8EB



00B457



4B6175



F5F5F5



757575



# Same Dimension

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



005CB4



0078EB



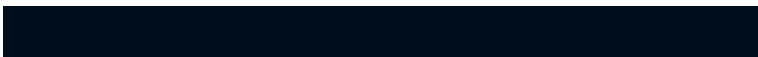
0003B4



505559



004E99



000D1A



# Inverse Universe

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



B4005C



EB0078



B4B100



595055



99004E



1A000D



# Previews

## White Background



This preview shows how the Hex color 005CB4 looks on a white background.

### Color Contrast Check

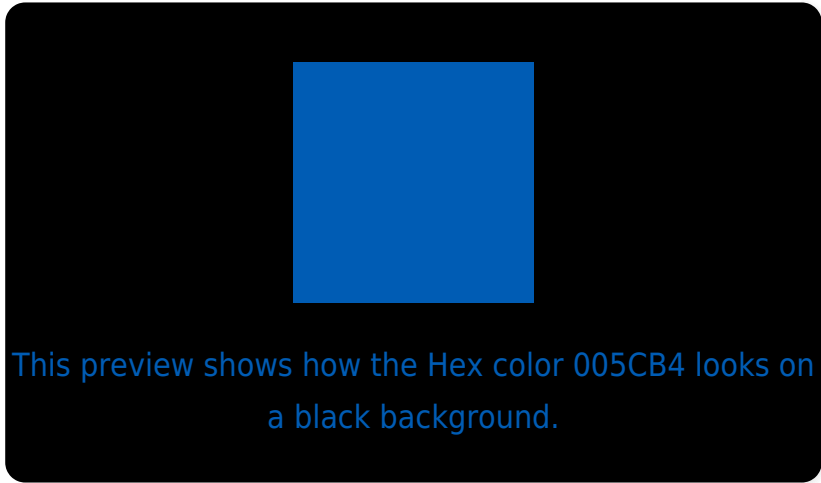
Large Text (above 18pt) WCAG AA ✓ Pass

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

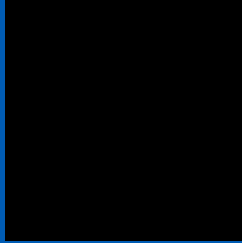
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 005CB4 Background



This preview shows how black text looks on a background with the Hex color 005CB4.

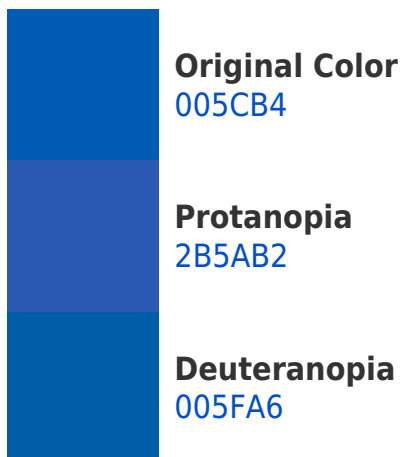


This preview shows how white text looks on a background with the Hex color 005CB4.

# 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**  
00676E

# Trichromacy



**Original Color**  
005CB4

**Protanomaly**  
1B5BB3

**Deuteranomaly**  
005EAB

**Tritanomaly**  
006387

# Monochromacy



**Original Color**  
005CB4

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
305171

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 005CB4 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 #005CB4 looks like.

```
.text, #text, p{  
    color:#005CB4  
}
```

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 #005CB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005CB4
}
```

## Border

The CSS property to change the border of an element to Hex 005CB4 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
#005CB4 }
```

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

```
.border{ border-color:#005CB4 }
```

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

Here you see how a box with a 4 pixel #005CB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005CB4; -webkit-box-shadow:4px 4px  
4px 4px #005CB4; box-shadow:4px 4px 4px  
4px #005CB4 }
```

# Background

The CSS property to change the background color of an element to Hex 005CB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005CB4 }
```

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

```
.background{ background-color:#005CB4 }
```

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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