

# Converting Colors

Hex(004BC0)

Have a look what the booklet for  
Hex(004BC0) contains.

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# Color

**Hex(004BC0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	004BC0
RGB	0, 75, 192
RGB Percent	0%, 29%, 75%
CMY	1.0000, 0.7059, 0.2471
CMYK	1.00, 0.61, 0.00, 0.25
HSL	217°, 100%, 38%
HSV	217°, 100%, 75%
XYZ	12.0305, 8.8379, 50.9410
YIQ	65.9130, -82.2570, 20.4870

# Conversions

## Conversions Part 2

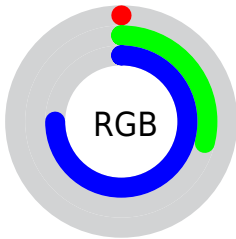
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	0, 54, 192
Decimal	19392
CIE Lab	35.67, 28.33, -66.18
CIE LCh	36, 71.984, 293.175
Yxy	8.8379, 0.1675, 0.1231
Android (android.graphics.Color)	4278209472 (0xFF004BC0)
YUV	65.9130, 62.1609, -57.8057
Hunter-Lab	29.7286, 20.2097, -80.7852

# Details

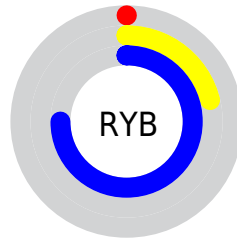
The Hex color **004BC0** is a dark color, and the websafe version is hex **003399**. The color can be described as dark washed blue. A complement of this color would be **C07500**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **617BF9**, and **002189** is the 20% darker color. If you saturate the color by 10%, you get **004BC0**, and if you desaturate by 10%, it is **1357C0**.

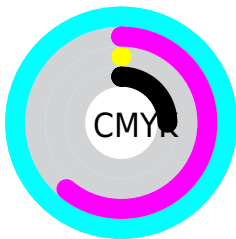
# Distribution



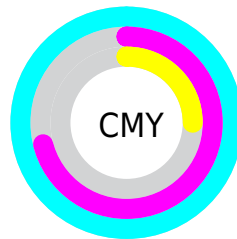
- Red (0%)
- Green (29%)
- Blue (75%)



- Red (0%)
- Yellow (21%)
- Blue (75%)



- Cyan (100%)
- Magenta (61%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (71%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 004BC0 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 004BC0 by changing the saturation by 10% instead.




 004BC0

 004BC0


FFFFFF

 0035A4

 617BF9

 002189

 8095FF

 000F6F

 9FAFFF

 000456

 BECBFF

 00063D

 DCE7FF

 000327

 FBFFFF

 000110

 000000

 004BC0

 1357C0

 2662C0

 3A6EC0

 4D7AC0

 6086C0

 7391C0

 869DC0

 9AA9C0

 ADB4C0

# Harmonies

## Analogous

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



0060C9



004BC0



89239A

# Triad

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



004BC0



9B2E00



006A44

# Complementary

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



004BC0



C07500

# 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.



006600



004BC0



724D00

# Square

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



004BC0



B2002B



3C5E00



006B80

# Rectangle

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



004BC0



A70077



3C5E00



006930



# Sweetspot

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



004BC0



AFCCFA



00C073



50627D



FCFCFC



7D7D7D



# Same Dimension

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



004BC0



0062FA



1300C0



575B61



003FA1



000D21



# Inverse Universe

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



C0004B



FA0062



ADC000



61575B



A1003F



21000D



# Previews

## White Background



This preview shows how the Hex color 004BC0 looks on a white background.

## Color Contrast Check

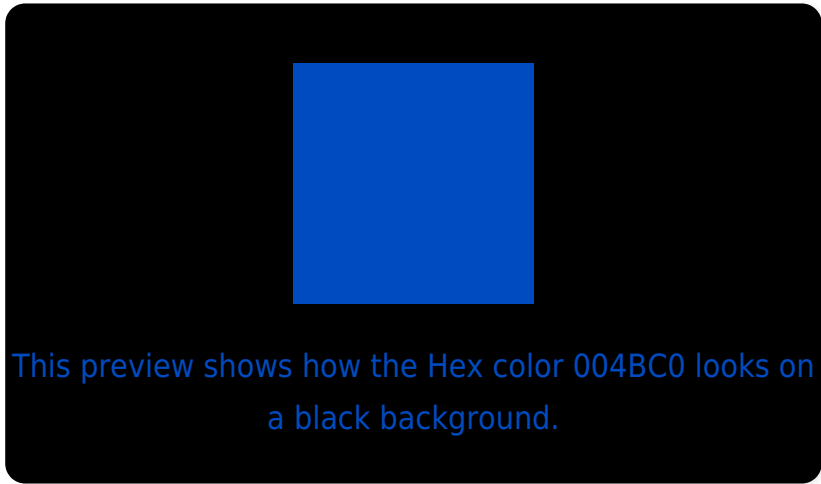
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

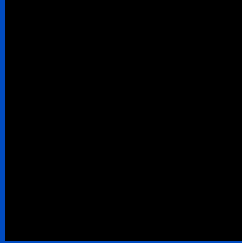
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 004BC0 Background



This preview shows how black text looks on a background with the Hex color 004BC0.



This preview shows how white text looks on a background with the Hex color 004BC0.

# 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**  
004BC0

**Protanopia**  
0051AB

**Deuteranopia**  
005693

# Trichromacy



**Original Color**  
004BC0

**Protanomaly**  
004FB3

**Deuteranomaly**  
0052A3

# Monochromacy



**Original Color**  
004BC0

**Achromatopsia**  
424242

**Achromatomaly**  
2A4570

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 004BC0 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 #004BC0 looks like.

```
.text, #text, p{  
    color:#004BC0  
}
```

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 #004BC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004BC0
}
```

## Border

The CSS property to change the border of an element to Hex 004BC0 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
#004BC0 }
```

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

```
.border{ border-color:#004BC0 }
```

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

Here you see how a box with a 4 pixel #004BC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004BC0; -webkit-box-shadow:4px 4px  
4px 4px #004BC0; box-shadow:4px 4px 4px  
4px #004BC0 }
```

# Background

The CSS property to change the background color of an element to Hex 004BC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004BC0 }
```

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

```
.background{ background-color:#004BC0 }
```

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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