

Converting Colors

Hex(004BCF)

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

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Color

Hex(004BCF)

Conversions

Conversions Part 1

Format	Color
Hex	004BCF
RGB	0, 75, 207
RGB Percent	0%, 29%, 81%
CMY	1.0000, 0.7059, 0.1882
CMYK	1.00, 0.64, 0.00, 0.19
HSL	218°, 100%, 41%
HSV	218°, 100%, 81%
XYZ	13.7786, 9.5371, 60.1461
YIQ	67.6230, -87.0720, 25.1520

Conversions

Conversions Part 2

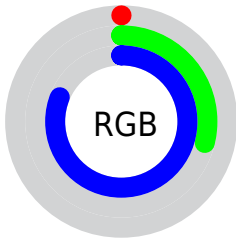
Format	Color
RYB	0, 55, 207
Decimal	19407
CIELab	37.00, 34.22, -72.72
CIELCh	37, 80.372, 295.197
Yxy	9.5371, 0.1651, 0.1143
Android (android.graphics.Color)	4278209487 (0xFF004BCF)
YUV	67.6230, 68.7129, -59.3054
Hunter-Lab	30.8823, 25.5963, -93.8553

Details

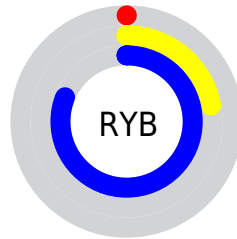
The Hex color **004BCF** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **CF8400**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **667BFF**, and **002197** is the 20% darker color. If you saturate the color by 10%, you get **004BCF**, and if you desaturate by 10%, it is **1558CF**.

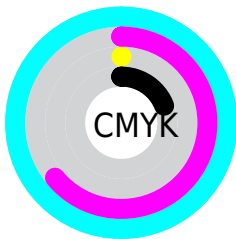
Distribution



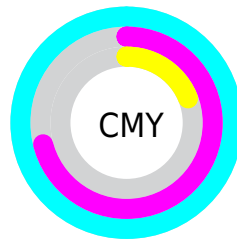
- Red (0%)
- Green (29%)
- Blue (81%)



- Red (0%)
- Yellow (22%)
- Blue (81%)



- Cyan (100%)
- Magenta (64%)
- Yellow (0%)
- Black (19%)



- Cyan (100%)
- Magenta (71%)
- Yellow (19%)

Brightness & Saturation Gradients

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

 004BCF

FFFFFF

 667BFF

 8695FF

 A5AFFF

 C4CBFF

 E3E7FF

 004BCF

 0035B3

 002197

 00107D

 000063

 00094A

 000432

 00021C

 000000

 004BCF

 1558CF

 2965CF

 3E73CF

 5380CF

 688DCF

 7C9ACF

 91A7CF

 A6B5CF

 BAC2CF

Harmonies

Analogous

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



0064DB



004BCF



9611A2

Triad

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



004BCF



A22E00



006F4A

Complementary

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



004BCF



CF8400

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.



006B00



004BCF



745100

Square

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



004BCF



BE0026



346300



00708D

Rectangle

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



004BCF



B6007A



346300



006E33

Sweetspot

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



004BCF



B3CEFF



00CF83



526280



000000



808080

Same Dimension

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



004BCF



005CFF



1C00CF



5E6269



003DA8



000F29

Inverse Universe

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



CF004B



FF005C



B3CF00



695E62



A8003D



29000F

Previews

White Background



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

Color Contrast Check

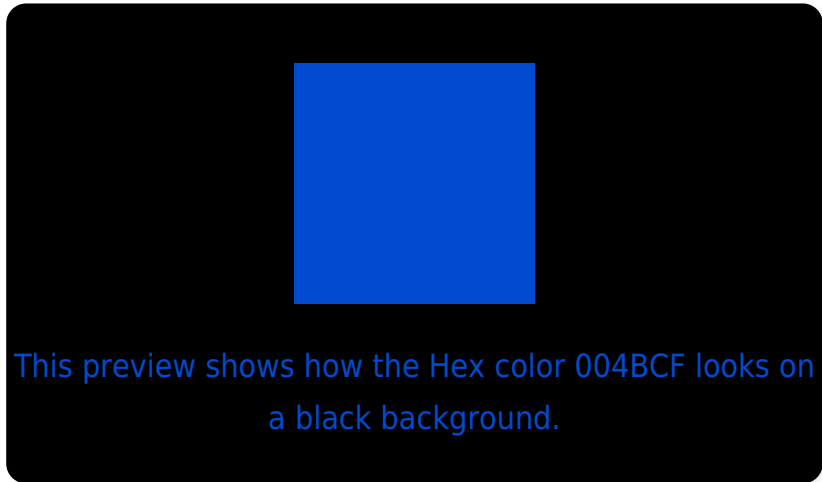
Large Text (above 18pt) WCAG AA ✓ Pass

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

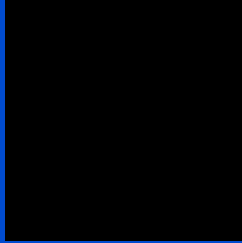
Any Text WCAG AA × Fail

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 004BCF Background



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

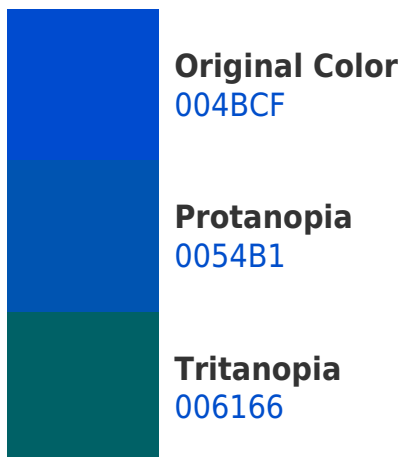


This preview shows how white text looks on a background with the Hex color 004BCF.

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



Trichromacy



Original Color
004BCF

Protanomaly
0051BC

Tritanomaly
00598C

Monochromacy



Original Color
004BCF

Achromatopsia
444444

Achromatomaly
2B4777

CSS Examples

Text

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

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

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 #004BCF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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