

# Converting Colors

Hex(004FCA)

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

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# Color

**Hex(004FCA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	004FCA
RGB	0, 79, 202
RGB Percent	0%, 31%, 79%
CMY	1.0000, 0.6902, 0.2078
CMYK	1.00, 0.61, 0.00, 0.21
HSL	217°, 100%, 40%
HSV	217°, 100%, 79%
XYZ	13.4567, 9.8562, 57.0703
YIQ	69.4010, -86.5670, 21.5050

# Conversions

## Conversions Part 2

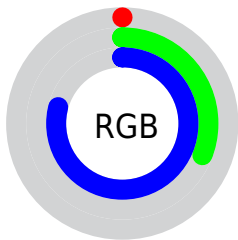
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 57, 202
Decimal	20426
CIELab	37.58, 29.64, -68.87
CIElCh	38, 74.976, 293.282
Yxy	9.8562, 0.1674, 0.1226
Android (android.graphics.Color)	4278210506 (0xFF004FCA)
YUV	69.4010, 65.3713, -60.8647
Hunter-Lab	31.3946, 21.5697, -85.8033

# Details

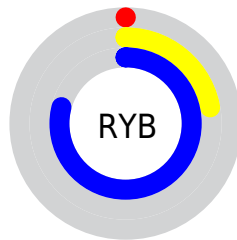
The Hex color **004FCA** is a dark color, and the websafe version is hex **003399**. The color can be described as dark washed blue. A complement of this color would be **CA7B00**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **647FFF**, and **002493** is the 20% darker color. If you saturate the color by 10%, you get **004FCA**, and if you desaturate by 10%, it is **145BCA**.

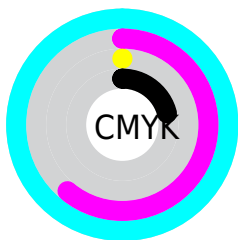
# Distribution



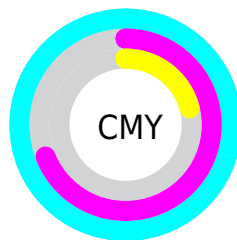
- Red (0%)
- Green (31%)
- Blue (79%)



- Red (0%)
- Yellow (22%)
- Blue (79%)



- Cyan (100%)
- Magenta (61%)
- Yellow (0%)
- Black (21%)



- Cyan (100%)
- Magenta (69%)
- Yellow (21%)

# Brightness & Saturation Gradients

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



 004FCA

 004FCA

FFFFFF

 0039AE

 647FFF

 002493

 8499FF

 001378

 A3B4FF

 00005F

 C2CFFF

 000846

 E0EBFF

 00042E

 000119

 000000

 004FCA

■ 145BCA

■ 2868CA

■ 3D74CA

■ 5180CA

■ 658DCA

■ 7999CA

■ 8DA5CA

■ A2B1CA

■ B6BECA

# Harmonies

## Analogous

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



0065D3



004FCA



9024A2

# Triad

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



004FCA



A23100



006F48

# Complementary

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



004FCA



CA7B00

# 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.



006C00



004FCA



785200

# Square

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



004FCA



BB002E



3F6300



007187

# Rectangle

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



004FCA



B0007D



3F6300



006E33



# Sweetspot

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



004FCA



B3D0FF



00CA79



526480



000000



808080



# Same Dimension

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



004FCA



0064FF



1400CA



5C6066



0041A6



000F26



# Inverse Universe

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



CA004F



FF0064



B6CA00



665C60



A60041



26000F



# Previews

## White Background



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

## Color Contrast Check

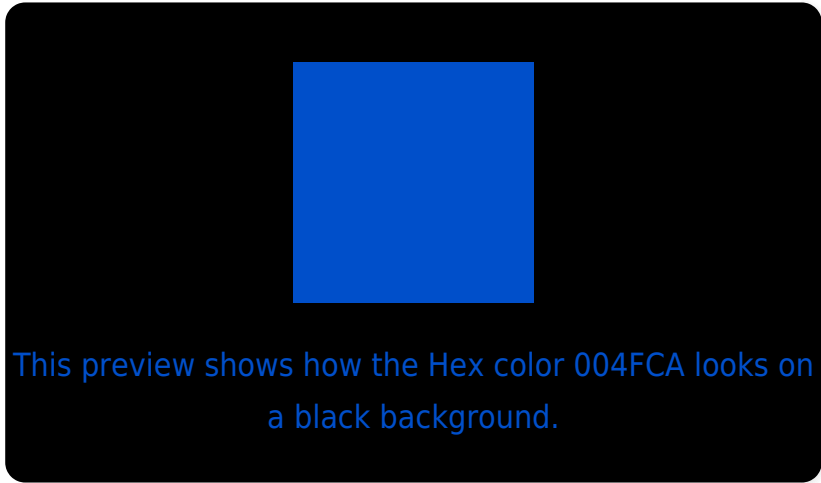
Large Text (above 18pt) WCAG AA ✓ Pass

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

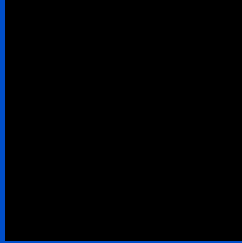
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 004FCA Background



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

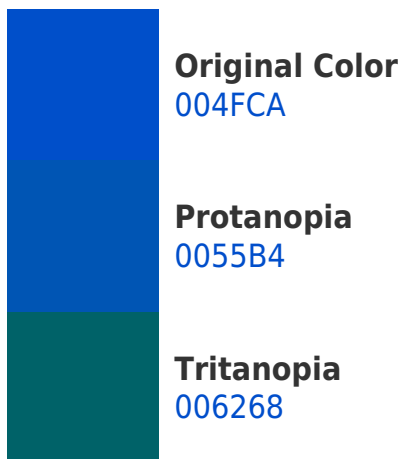


This preview shows how white text looks on a background with the Hex color 004FCA.

# 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**  
004FCA

**Protanomaly**  
0053BC

**Tritanomaly**  
005B8C

# Monochromacy



**Original Color**  
004FCA

**Achromatopsia**  
454545

**Achromatomaly**  
2C4975

# CSS Examples

## Text

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

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

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 #004FCA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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