

Converting Colors

Hex(004CF5)

Have a look what the booklet for
Hex(004CF5) contains.

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Color

Hex(004CF5)

Conversions

Conversions Part 1

Format	Color
Hex	004CF5
RGB	0, 76, 245
RGB Percent	0%, 30%, 96%
CMY	1.0000, 0.7020, 0.0392
CMYK	1.00, 0.69, 0.00, 0.04
HSL	221°, 100%, 48%
HSV	221°, 100%, 96%
XYZ	19.0659, 11.7615, 87.6515
YIQ	72.5420, -99.5450, 36.4470

Conversions

Conversions Part 2

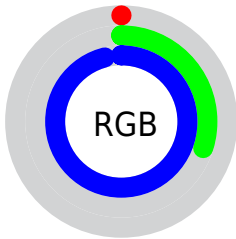
Format	Color
R _Y B	0, 58, 245
Decimal	19701
CIE Lab	40.83, 47.71, -88.06
CIE LCh	41, 100.156, 298.451
Yxy	11.7615, 0.1609, 0.0993
Android (android.graphics.Color)	4278209781 (0xFF004CF5)
YUV	72.5420, 85.0218, -63.6193
Hunter-Lab	34.2950, 39.2187, -127.5276

Details

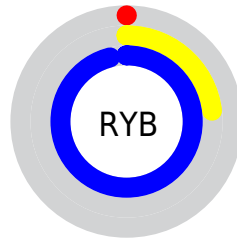
The Hex color **004CF5** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark saturated blue. A complement of this color would be **F5A900**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **717DFF**, and **0021BB** is the 20% darker color. If you saturate the color by 10%, you get **004CF5**, and if you desaturate by 10%, it is **185DF5**.

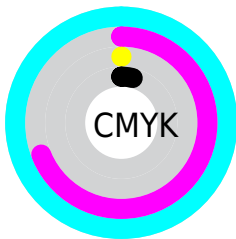
Distribution



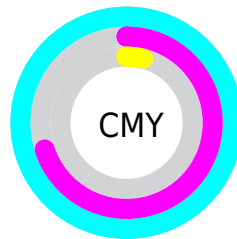
- Red (0%)
- Green (30%)
- Blue (96%)



- Red (0%)
- Yellow (23%)
- Blue (96%)



- Cyan (100%)
- Magenta (69%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (70%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004CF5 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 004CF5 by changing the saturation by 10% instead.

 004CF5

 004CF5

FFFFFF

 0035D8

 717DFF

 0021BB

 9497FF

 000F9F

 B5B2FF

 000084

 D5CDFF

 000C6A

 F5EAFF

 000A50


 000538

 000222

 000008

 004CF5

 185DF5

 316EF5

 4A7FF5

 6290F5

 7BA1F5

 93B1F5

 ABC2F5

 C4D3F5

 DDE4F5

Harmonies

Analogous

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



006FFF



004CF5



B800B8

Triad

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



004CF5



B62E00



007C5A

Complementary

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



004CF5



F5A900

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.



007900



004CF5



7A5D00

Square

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



004CF5



DD0019



177100



007EAE

Rectangle

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



004CF5



DA0084



177100



007C3C

Sweetspot

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



004CF5



B3CAFF



00F5A7



526080



000000



808080

Same Dimension

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



004CF5



004FFF



2D00F5



6E727A



003ABA



00123B

Inverse Universe

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



F5004C



FF004F



C8F500



7A6E72



BA003A



3B0012

Previews

White Background



This preview shows how the Hex color 004CF5 looks on a white background.

Color Contrast Check

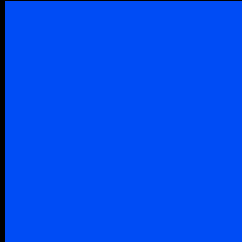
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 004CF5 looks on a 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 004CF5 Background



This preview shows how black text looks on a background with the Hex color 004CF5.

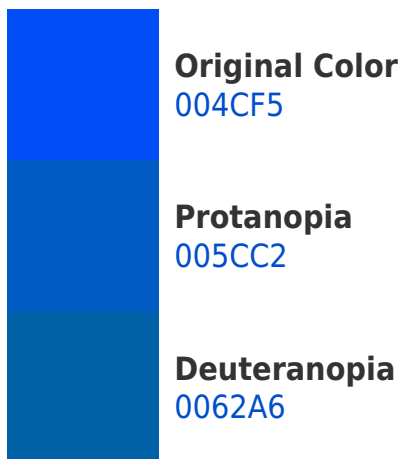


This preview shows how white text looks on a background with the Hex color 004CF5.

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
006A70

Trichromacy



Original Color
004CF5

Protanomaly
0056D5

Deuteranomaly
005AC3

Tritanomaly
005FA0

Monochromacy



Original Color
004CF5

Achromatopsia
494949

Achromatomaly
2E4A88

CSS Examples

Text

The CSS property to change the color of the text to Hex 004CF5 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 #004CF5 looks like.

```
.text, #text, p{  
    color:#004CF5  
}
```

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 #004CF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004CF5
}
```

Border

The CSS property to change the border of an element to Hex 004CF5 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
#004CF5 }
```

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

```
.border{ border-color:#004CF5 }
```

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

Here you see how a box with a 4 pixel #004CF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004CF5; -webkit-box-shadow:4px 4px  
4px 4px #004CF5; box-shadow:4px 4px 4px  
4px #004CF5 }
```

Background

The CSS property to change the background color of an element to Hex 004CF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004CF5 }
```

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

```
.background{ background-color:#004CF5 }
```

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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