

Converting Colors

Hex(4C02FF)

Have a look what the booklet for
Hex(4C02FF) contains.

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Color

Hex(4C02FF)

Conversions

Conversions Part 1

Format	Color
Hex	4C02FF
RGB	76, 2, 255
RGB Percent	30%, 1%, 100%
CMY	0.7020, 0.9922, 0.0000
CMYK	0.70, 0.99, 0.00, 0.00
HSL	258°, 100%, 50%
HSV	258°, 99%, 100%
XYZ	21.0522, 8.7999, 95.1967
YIQ	52.9680, -37.1090, 94.3710

Conversions

Conversions Part 2

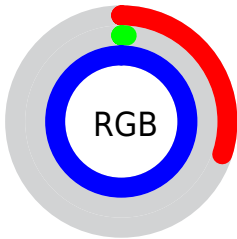
Format	Color
RYB	76, 2, 255
Decimal	4981503
CIELab	35.60, 80.12, -102.28
CIELCh	36, 129.930, 308.074
Yxy	8.7999, 0.1684, 0.0704
Android (android.graphics.Color)	4283171583 (0xFF4C02FF)
YUV	52.9680, 99.6018, 20.1991
Hunter-Lab	29.6647, 74.7635, -169.5021

Details

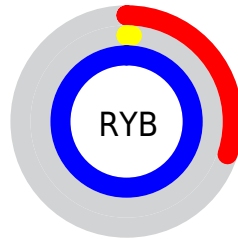
The Hex color **4C02FF** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **B5FF02**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **964DFF**, and **0000C4** is the 20% darker color. If you saturate the color by 10%, you get **4B00FF**, and if you desaturate by 10%, it is **5E1BFF**.

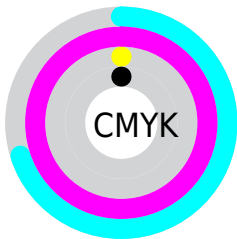
Distribution



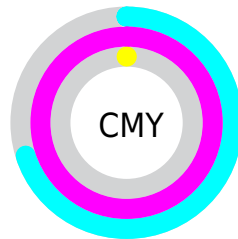
- Red (30%)
- Green (1%)
- Blue (100%)



- Red (30%)
- Yellow (1%)
- Blue (100%)



- Cyan (70%)
- Magenta (99%)
- Yellow (0%)
- Black (0%)



- Cyan (70%)
- Magenta (99%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C02FF 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 4C02FF by changing the saturation by 10% instead.

 4C02FF

 4C02FF

FFFFFF

 0600E1

 964DFF

 0000C4

 B769FF

 0000A8

 D885FF

 00008C

 F9A1FF

 000872

 FFBEFF

 000C58

 FFDBFF

 000740

 FFF8FF

 000329

 000112

 4C02FF

 4C02FF

 4B00FF


 5E1BFF

 7035FF

 824FFF

 9468FF

 A682FF

 B89BFF

 CAB4FF

 DCCEFF

 EEE8FF

Harmonies

Analogous

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



0061FF



4C02FF



D700A4

Triad

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



4C02FF



A12500



00716F

Complementary

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



4C02FF



B5FF02

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.



006F00



4C02FF



4D5A00

Square

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



4C02FF



DB0000



006A00



0076D7

Rectangle

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



4C02FF



F20060



006A00



00704B

Sweetspot

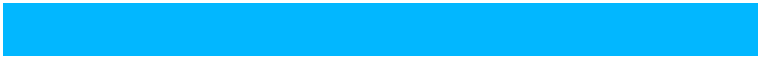
The Sweet Spot groups the original color and five complimentary colors.



4C02FF



C9B3FF



02B7FF



5F5280



000000



808080

Same Dimension

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



4C02FF



4B00FF



C802FF



767380



3800BF



130040

Inverse Universe

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



FF02B5



FF00B4



39FF02



80737C



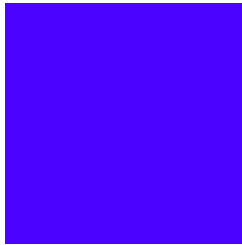
BF0087



40002D

Previews

White Background



This preview shows how the Hex color 4C02FF 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 4C02FF Background



This preview shows how black text looks on a background with the Hex color 4C02FF.



This preview shows how white text looks on a background with the Hex color 4C02FF.

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
4C02FF

Protanopia
0051AB

Deuteranopia
005791



Tritanopia
005E63

Trichromacy



Original Color
4C02FF

Protanomaly
1C34CA

Deuteranomaly
1C38B9

Tritanomaly
1C3D9C

Monochromacy



Original Color
4C02FF

Achromatopsia
353535

Achromatomaly
3D227E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C02FF 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 #4C02FF looks like.

```
.text, #text, p{  
    color:#4C02FF  
}
```

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 #4C02FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C02FF
}
```

Border

The CSS property to change the border of an element to Hex 4C02FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

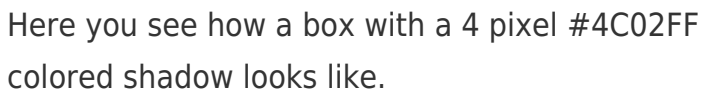
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C02FF }
```

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

```
.border{ border-color:#4C02FF }
```

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



Here you see how a box with a 4 pixel #4C02FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C02FF; -webkit-box-shadow:4px 4px  
4px 4px #4C02FF; box-shadow:4px 4px 4px  
4px #4C02FF }
```

Background

The CSS property to change the background color of an element to Hex 4C02FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C02FF }
```

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

```
.background{ background-color:#4C02FF }
```

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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