

Converting Colors

Hex(C01BFF)

Have a look what the booklet for
Hex(C01BFF) contains.

Hex(C01BFF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C01BFF)

Conversions

Conversions Part 1

Format	Color
Hex	C01BFF
RGB	192, 27, 255
RGB Percent	75%, 11%, 100%
CMY	0.2471, 0.8941, 0.0000
CMYK	0.25, 0.89, 0.00, 0.00
HSL	283°, 100%, 55%
HSV	283°, 89%, 100%
XYZ	40.1802, 19.2103, 96.1980
YIQ	102.3270, 25.1520, 105.8880

Conversions

Conversions Part 2

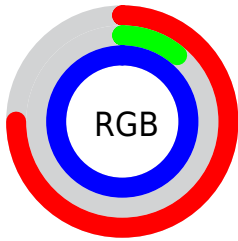
Format	Color
R_{YB}	192, 27, 255
Decimal	12590079
CIE _{Lab}	50.93, 86.75, -76.51
CIE _{LCh}	51, 115.672, 318.591
Yxy	19.2103, 0.2582, 0.1235
Android (android.graphics.Color)	4290780159 (0xFFC01BFF)
YUV	102.3270, 75.2678, 78.6432
Hunter-Lab	43.8296, 86.9356, -99.4500

Details

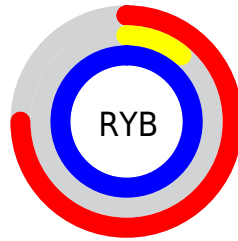
The Hex color **C01BFF** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light washed magenta. A complement of this color would be **5AFF1B**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FE65FF**, and **8300C5** is the 20% darker color. If you saturate the color by 10%, you get **B901FF**, and if you desaturate by 10%, it is **C734FF**.

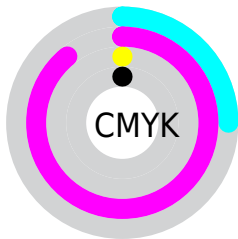
Distribution



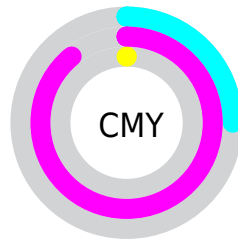
- Red (75%)
- Green (11%)
- Blue (100%)



- Red (75%)
- Yellow (11%)
- Blue (100%)



- Cyan (25%)
- Magenta (89%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (89%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color C01BFF 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 C01BFF by changing the saturation by 10% instead.

 C01BFF

 C01BFF

FFFFFF

 A200E2

 FE65FF

 8300C5

 FF84FF

 6500A9

 FFA2FF

 45008D

 FFBFFF

 250073

 FFDEFF

 000059

 FFFCFF

 000340

 000329

 000114

 C01BFF

 C01BFF

 B901FF

 C734FF

 B900FF

 CE4EFF

 D567FF

 DC81FF

 E39AFF

 EAB4FF

 F1CDFE

 F8E7FF

FFFFFF

Harmonies

Analogous

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



0073FF



C01BFF



FF00A3

Triad

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



C01BFF



B36800



009DB7

Complementary

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



C01BFF



5AFF1B

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.



009A4E



C01BFF



588700

Square

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



C01BFF



F40700



009500



009DFF

Rectangle

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



C01BFF



FF0063



009500



009C95

Sweetspot

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



C01BFF



ECBAFF



1B5CFF



745780



000000



808080

Same Dimension

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



C01BFF



B900FF



FF1BCE



7C7380



8A00BF



2E0040

Inverse Universe

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



FF1B5A



FF0046



1BFF4C



807376



BF0035



400012

Previews

White Background



This preview shows how the Hex color C01BFF looks on a white background.

Color Contrast Check

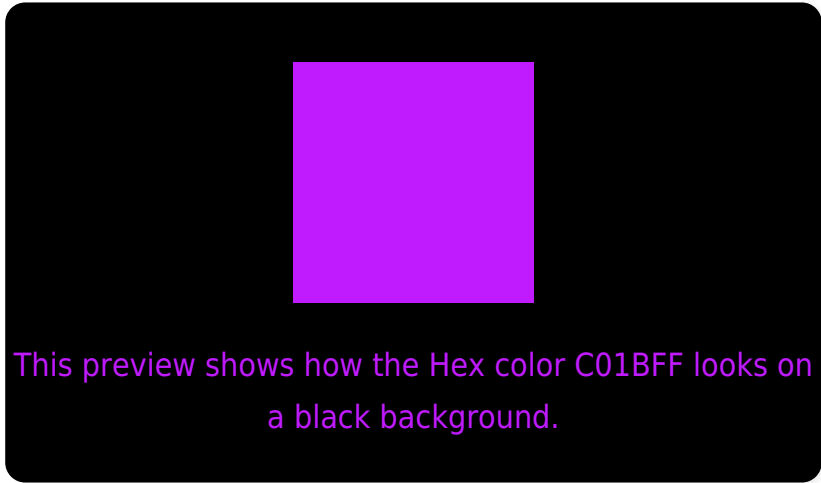
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

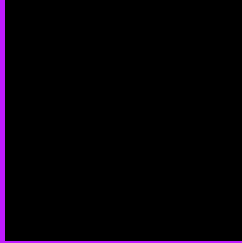
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex C01BFF Background



This preview shows how black text looks on a background with the Hex color C01BFF.

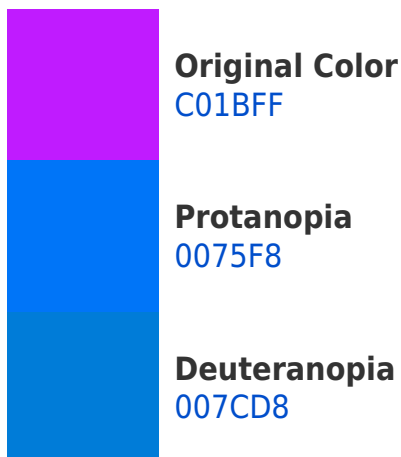



This preview shows how white text looks on a background with the Hex color C01BFF.

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
A9666D

Trichromacy



Original Color
C01BFF



Protanomaly
4654FB



Deuteranomaly
4659E6



Tritanomaly
B14BA2

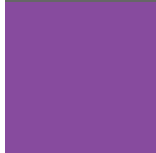
Monochromacy



Original Color
C01BFF



Achromatopsia
666666



Achromatomaly
874B9E

CSS Examples

Text

The CSS property to change the color of the text to Hex C01BFF 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 #C01BFF looks like.

```
.text, #text, p{  
    color:#C01BFF  
}
```

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 #C01BFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C01BFF
}
```

Border

The CSS property to change the border of an element to Hex C01BFF 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
#C01BFF }
```

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

```
.border{ border-color:#C01BFF }
```

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

Here you see how a box with a 4 pixel #C01BFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C01BFF; -webkit-box-shadow:4px 4px  
4px 4px #C01BFF; box-shadow:4px 4px 4px  
4px #C01BFF }
```

Background

The CSS property to change the background color of an element to Hex C01BFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C01BFF }
```

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

```
.background{ background-color:#C01BFF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor