

Converting Colors

Hex(CB0BFF)

Have a look what the booklet for
Hex(CB0BFF) contains.

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Color

Hex(CB0BFF)

Conversions

Conversions Part 1

Format	Color
Hex	CB0BFF
RGB	203, 11, 255
RGB Percent	80%, 4%, 100%
CMY	0.2039, 0.9569, 0.0000
CMYK	0.20, 0.96, 0.00, 0.00
HSL	287°, 100%, 52%
HSV	287°, 96%, 100%
XYZ	42.7983, 20.1559, 96.2425
YIQ	96.2240, 36.1080, 116.5880

Conversions

Conversions Part 2

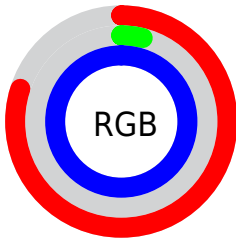
Format	Color
R _Y B	203, 11, 255
Decimal	13306879
CIE Lab	52.01, 90.08, -74.68
CIE LCh	52, 117.006, 320.340
Yxy	20.1559, 0.2688, 0.1266
Android (android.graphics.Color)	4291496959 (0xFFCB0BFF)
YUV	96.2240, 78.2766, 93.6426
Hunter-Lab	44.8953, 91.5958, -95.6739

Details

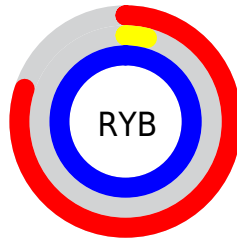
The Hex color **CB0BFF** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light saturated magenta. A complement of this color would be **3FFF0B**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF62FF**, and **8E00C5** is the 20% darker color. If you saturate the color by 10%, you get **C900FF**, and if you desaturate by 10%, it is **D024FF**.

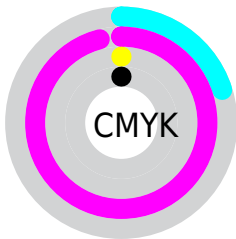
Distribution



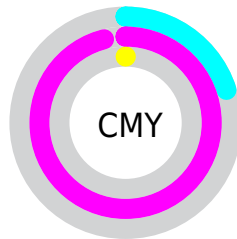
- Red (80%)
- Green (4%)
- Blue (100%)



- Red (80%)
- Yellow (4%)
- Blue (100%)



- Cyan (20%)
- Magenta (96%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (96%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB0BFF 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 CB0BFF by changing the saturation by 10% instead.

 CB0BFF

 CB0BFF

FFFFFF

 AD00E2

 FF62FF

 8E00C5

 FF81FF

 7000A9

 FFA0FF

 51008E

 FFBEFF

 330073

 FFDCFF

 020059

 FFFBFF

 000041

 00032A

 000114

 CB0BFF

 CB0BFF

 C900FF

 D024FF

 D63EFF

 DB58FF

 E171FF

 E68BFF

 ECA4FF

 F1BEFF

 F6D7FF

 FCF1FF

Harmonies

Analogous

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



0073FF



CB0BFF



FF00A1

Triad

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



CB0BFF



B26D00



00A1C0

Complementary

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



CB0BFF



3FFF0B

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.



009E57



CB0BFF



538B00

Square

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



CB0BFF



F51C00



009900



00A0FF

Rectangle

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



CB0BFF



FF0060



009900



00A09E

Sweetspot

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



CB0BFF



EFB5FF



0B40FF



765380



000000



808080

Same Dimension

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



CB0BFF



C900FF



FF0BBA



7D7380



9600BF



320040

Inverse Universe

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



FF0B3F



FF0036



0BFF50



807375



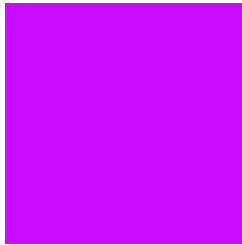
BF0029



40000E

Previews

White Background



This preview shows how the Hex color CB0BFF looks on a white background.

Color Contrast Check

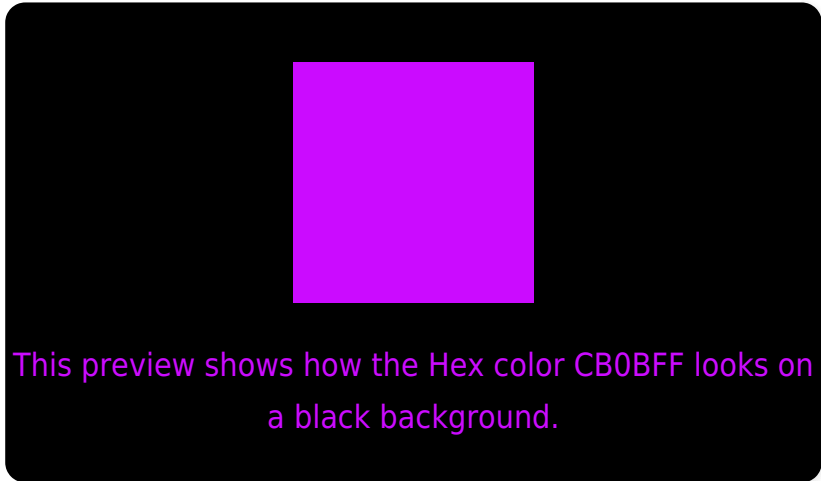
Large Text (above 18pt) WCAG AA ✓ Pass

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

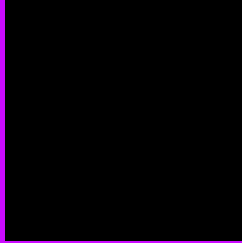
Any Text WCAG AA ✓ Pass

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 CB0BFF Background



This preview shows how black text looks on a background with the Hex color CB0BFF.



This preview shows how white text looks on a background with the Hex color CB0BFF.

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
B6646B

Trichromacy



Original Color
CB0BFF



Protanomaly
4A50FE



Deuteranomaly
4A55EA



Tritanomaly
BE44A1

Monochromacy



Original Color
CB0BFF



Achromatopsia
606060



Achromatomaly
87419A

CSS Examples

Text

The CSS property to change the color of the text to Hex CB0BFF 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 #CB0BFF looks like.

```
.text, #text, p{  
    color:#CB0BFF  
}
```

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 #CB0BFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB0BFF
}
```

Border

The CSS property to change the border of an element to Hex CB0BFF 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
#CB0BFF }
```

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

```
.border{ border-color:#CB0BFF }
```

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

Here you see how a box with a 4 pixel #CB0BFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB0BFF; -webkit-box-shadow:4px 4px  
4px 4px #CB0BFF; box-shadow:4px 4px 4px  
4px #CB0BFF }
```

Background

The CSS property to change the background color of an element to Hex CB0BFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB0BFF }
```

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

```
.background{ background-color:#CB0BFF }
```

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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