

Converting Colors

Hex(CB5DFF)

Have a look what the booklet for
Hex(CB5DFF) contains.

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Color

Hex(CB5DFF)

Conversions

Conversions Part 1

Format	Color
Hex	CB5DFF
RGB	203, 93, 255
RGB Percent	80%, 36%, 100%
CMY	0.2039, 0.6353, 0.0000
CMYK	0.20, 0.64, 0.00, 0.00
HSL	281°, 100%, 68%
HSV	281°, 64%, 100%
XYZ	46.5930, 27.7452, 97.5074
YIQ	144.3580, 13.5580, 73.7020

Conversions

Conversions Part 2

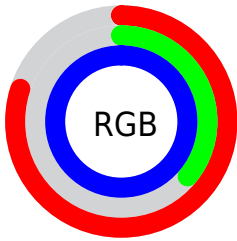
Format	Color
R _Y B	203, 93, 255
Decimal	13327871
CIE Lab	59.66, 68.13, -62.33
CIE LCh	60, 92.343, 317.545
Yxy	27.7452, 0.2711, 0.1615
Android (android.graphics.Color)	4291517951 (0xFFCB5DFF)
YUV	144.3580, 54.5465, 51.4290
Hunter-Lab	52.6737, 65.7145, -72.8835

Details

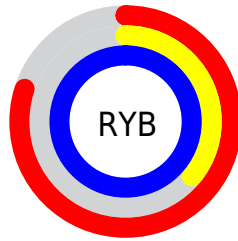
The Hex color **CB5DFF** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **91FF5D**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FF95FF**, and **9120C5** is the 20% darker color. If you saturate the color by 10%, you get **C343FF**, and if you desaturate by 10%, it is **D377FF**.

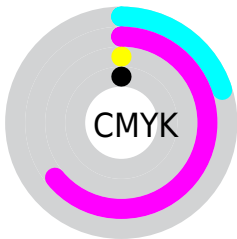
Distribution



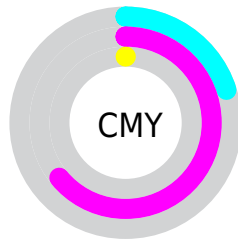
- Red (80%)
- Green (36%)
- Blue (100%)



- Red (80%)
- Yellow (36%)
- Blue (100%)



- Cyan (20%)
- Magenta (64%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (64%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB5DFF 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 CB5DFF by changing the saturation by 10% instead.

 CB5DFF

 CB5DFF

FFFFFF

 AE40E2

 FF95FF

 9120C5

 FFB2FF

 7400A9

 FFCEFF

 57008E

 FFECFF

 3A0074

 1E005B

 000042

 00032B

 000115

 CB5DFF

 CB5DFF

 C343FF

 D377FF

 BB2AFF

 DB90FF

 B210FF

 E4AAFF

 AD00FF

 ECC3FF

 F4DDFF

 FCF6FF

FFFFFF

Harmonies

Analogous

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



008AFF



CB5DFF



FF16B5

Triad

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



CB5DFF



CA8000



00B2BF

Complementary

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



CB5DFF



91FF5D

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.



00AF6A



CB5DFF



829A00

Square

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



CB5DFF



FF550A



00A900



00AFFF

Rectangle

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



CB5DFF



FF007F



00A900



00B1A3

Sweetspot

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



CB5DFF



EFCFFF



5D93FF



766280



000000



808080

Same Dimension

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



CB5DFF



C13DFF



FF5DE4



7B7380



8200BF



2B0040

Inverse Universe

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



FF5D91



FF3D7B



5DFF78



807377



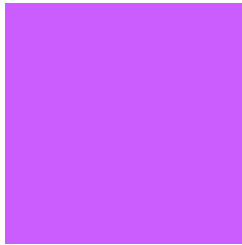
BF003D



400014

Previews

White Background



This preview shows how the Hex color CB5DFF looks on a white background.

Color Contrast Check

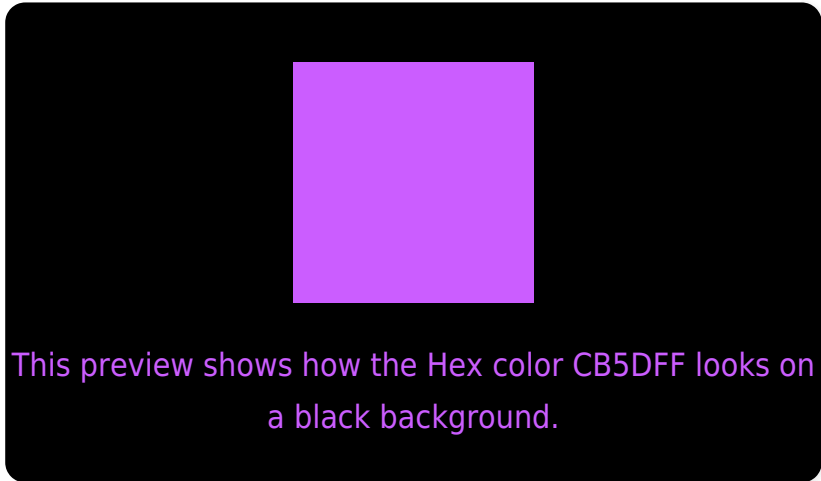
Large Text (above 18pt) WCAG AA ✓ Pass

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

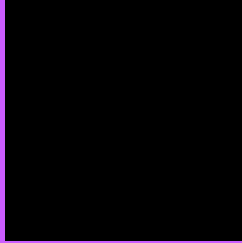
Any Text WCAG AA ✓ Pass

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 CB5DFF Background



This preview shows how black text looks on a background with the Hex color CB5DFF.

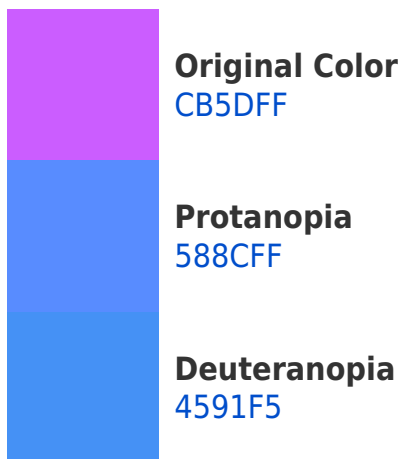


This preview shows how white text looks on a background with the Hex color CB5DFF.

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
B9808A

Trichromacy



Original Color
CB5DFF



Protanomaly
827BFF



Deuteranomaly
767EF9



Tritanomaly
C073B5

Monochromacy



Original Color
CB5DFF



Achromatopsia
909090



Achromatomaly
A57DB8

CSS Examples

Text

The CSS property to change the color of the text to Hex CB5DFF 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 #CB5DFF looks like.

```
.text, #text, p{  
  color:#CB5DFF  
}
```

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 #CB5DFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB5DFF
}
```

Border

The CSS property to change the border of an element to Hex CB5DFF 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
#CB5DFF }
```

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

```
.border{ border-color:#CB5DFF }
```

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

Here you see how a box with a 4 pixel #CB5DFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB5DFF; -webkit-box-shadow:4px 4px  
4px 4px #CB5DFF; box-shadow:4px 4px 4px  
4px #CB5DFF }
```

Background

The CSS property to change the background color of an element to Hex CB5DFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB5DFF }
```

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

```
.background{ background-color:#CB5DFF }
```

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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