

Converting Colors

Hex(C68DFF)

Have a look what the booklet for
Hex(C68DFF) contains.

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Color

Hex(C68DFF)

Conversions

Conversions Part 1

Format	Color
Hex	C68DFF
RGB	198, 141, 255
RGB Percent	78%, 55%, 100%
CMY	0.2235, 0.4471, 0.0000
CMYK	0.22, 0.45, 0.00, 0.00
HSL	270°, 100%, 78%
HSV	270°, 45%, 100%
XYZ	50.8636, 38.2755, 99.3149
YIQ	171.0390, -2.6220, 47.5380

Conversions

Conversions Part 2

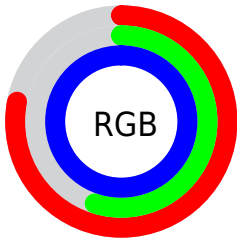
Format	Color
RYB	198, 141, 255
Decimal	13012479
CIELab	68.22, 42.91, -48.75
CIELCh	68, 64.942, 311.353
Yxy	38.2755, 0.2699, 0.2031
Android (android.graphics.Color)	4291202559 (0xFFC68DFF)
YUV	171.0390, 41.3928, 23.6448
Hunter-Lab	61.8672, 38.4846, -51.8706

Details

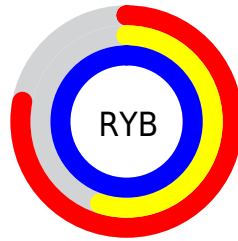
The Hex color **C68DFF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C6FF8D**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFC4FF**, and **8E59C6** is the 20% darker color. If you saturate the color by 10%, you get **B974FF**, and if you desaturate by 10%, it is **D3A7FF**.

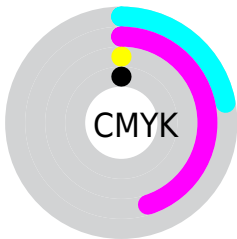
Distribution



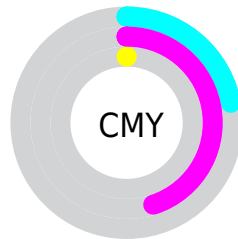
- Red (78%)
- Green (55%)
- Blue (100%)



- Red (78%)
- Yellow (55%)
- Blue (100%)



- Cyan (22%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color C68DFF 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 C68DFF by changing the saturation by 10% instead.

 C68DFF

 C68DFF

FFFFFF

 AA73E2

 FFC4FF

 8E59C6

 FFE0FF

 7240AA

 FFFDFF

 57288F

 3C0E75

 20005C

 040044

 00032C

 000116

 C68DFF

 C68DFF

 B974FF

 D3A7FF

 AD5AFF

 E0C0FF

 A041FF

 ECDAFF

 9327FF

 F9F3FF

 860EFF

FFFFFF

 8000FF

Harmonies

Analogous

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



59A5FF



C68DFE



FE76CD

Triad

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



C68DFF



E39631



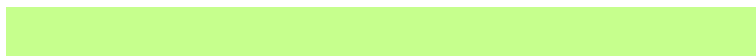
00C3BC

Complementary

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



C68DFF



C6FF8D

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.



00C07F



C68DFF



B0AA25

Square

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



C68DFF



FF7E5B



6FB848



00C0F3

Rectangle

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



C68DFE



FF6EA6



6FB848



00C2A7

Sweetspot

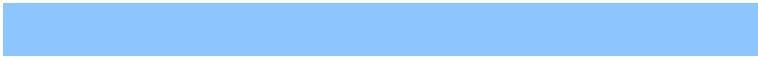
The Sweet Spot groups the original color and five complimentary colors.



C68DFF



EEDEFF



8DC6FF



756B80



000000



808080

Same Dimension

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



C68DFF



BA75FF



FF8DFF



797380



6000BF



200040

Inverse Universe

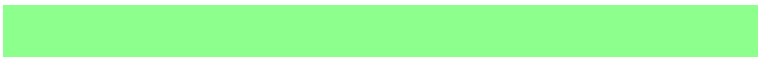
The Inverse Universe completely reimagines the original color for something new.



FF8DC6



FF75BA



8DFF8D



807379



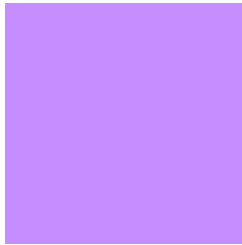
BF0060



400020

Previews

White Background



This preview shows how the Hex color C68DFF looks on a white background.

Color Contrast Check

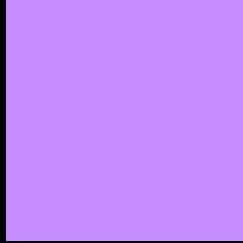
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color C68DFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

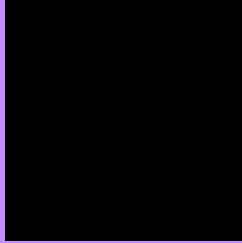
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex C68DFF Background



This preview shows how black text looks on a background with the Hex color C68DFF.

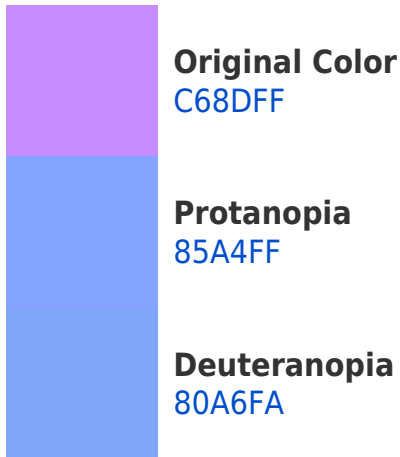


This preview shows how white text looks on a background with the Hex color C68DFF.

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](#).

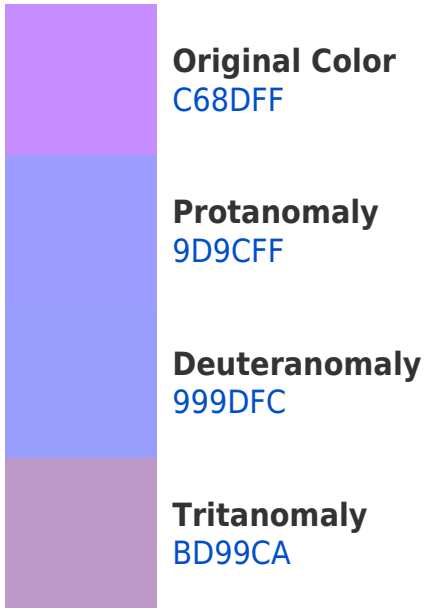
Dichromacy



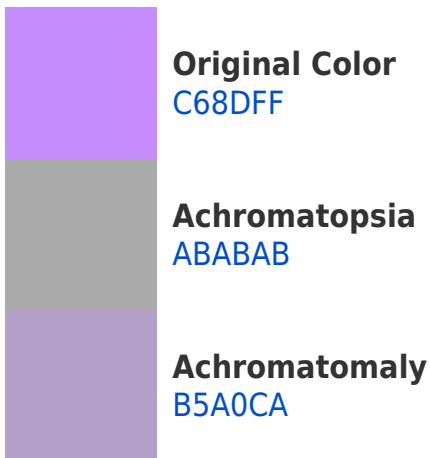


Tritanopia
B8A0AC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C68DFF 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 #C68DFF looks like.

```
.text, #text, p{  
    color:#C68DFF  
}
```

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 #C68DFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C68DFF
}
```

Border

The CSS property to change the border of an element to Hex C68DFF 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
#C68DFF }
```

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

```
.border{ border-color:#C68DFF }
```

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

Here you see how a box with a 4 pixel #C68DFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C68DFF; -webkit-box-shadow:4px 4px  
4px 4px #C68DFF; box-shadow:4px 4px 4px  
4px #C68DFF }
```

Background

The CSS property to change the background color of an element to Hex C68DFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C68DFF }
```

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

```
.background{ background-color:#C68DFF }
```

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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