

Converting Colors

Hex(C68DF9)

Have a look what the booklet for
Hex(C68DF9) contains.

Hex(C68DF9)	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(C68DF9)

Conversions

Conversions Part 1

Format	Color
Hex	C68DF9
RGB	198, 141, 249
RGB Percent	78%, 55%, 98%
CMY	0.2235, 0.4471, 0.0235
CMYK	0.20, 0.43, 0.00, 0.02
HSL	272°, 90%, 76%
HSV	272°, 43%, 98%
XYZ	49.9125, 37.8951, 94.3063
YIQ	170.3550, -0.6960, 45.6720

Conversions

Conversions Part 2

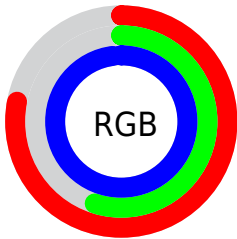
Format	Color
RYB	198, 141, 249
Decimal	13012473
CIELab	67.94, 41.57, -45.91
CIELCh	68, 61.935, 312.155
Yxy	37.8951, 0.2741, 0.2081
Android (android.graphics.Color)	4291202553 (0xFFC68DF9)
YUV	170.3550, 38.7720, 24.2447
Hunter-Lab	61.5590, 37.0009, -47.7391

Details

The Hex color **C68DF9** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C0F98D**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFC4FF**, and **8E59C0** is the 20% darker color. If you saturate the color by 10%, you get **BA74F9**, and if you desaturate by 10%, it is **D2A6F9**.

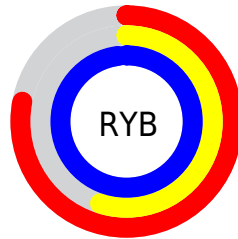
Distribution



Red (78%)

Green (55%)

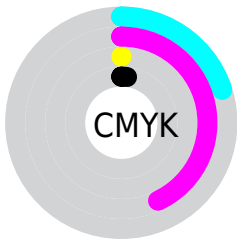
Blue (98%)



Red (78%)

Yellow (55%)

Blue (98%)

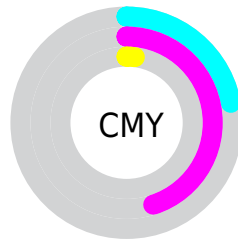


Cyan (20%)

Magenta (43%)

Yellow (0%)

Black (2%)



Cyan (22%)

Magenta (45%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color C68DF9 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 C68DF9 by changing the saturation by 10% instead.

 C68DF9

 C68DF9

FFFFFF

 AA73DC

 FFC4FF

 8E59C0

 FFE0FF

 7341A5

 FFFDFD

 58288A

 3E0E70

 220057

 09003F

 000328

 000112

 C68DF9

 C68DF9

 BA74F9

 D2A6F9

 AE5BF9

 DEBFF9

 A342F9

 E9D8F9

 9729F9

 F5F1F9

 8B11F9

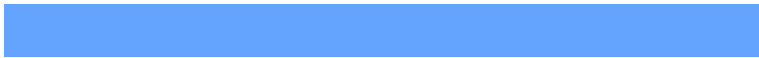
 FFFFF9

 8300F9

Harmonies

Analogous

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



64A4FF



C68DF9



FA78C9

Triad

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



C68DF9



DF9736



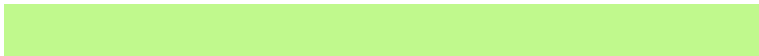
00C1BB

Complementary

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



C68DF9



C0F98D

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.



00BE81



C68DF9



AEEA2D

Square

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



C68DF9



FF805D



70B74E



00BEEF

Rectangle

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



C68DF9



FF72A4



70B74E



00C0A8

Sweetspot

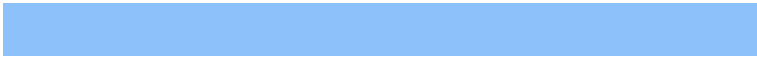
The Sweet Spot groups the original color and five complimentary colors.



C68DF9



EFDEFF



8DC1F9



766B80



000000



808080

Same Dimension

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



C68DF9



C07AFF



F98DF7



77707D



6400BD



20003D

Inverse Universe

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



F98DC0



FF7AB9



8DF98F



7D7076



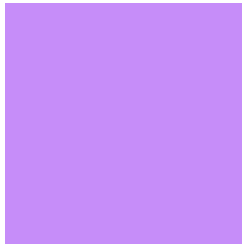
BD0059



3D001D

Previews

White Background



This preview shows how the Hex color C68DF9 looks on a white background.

Color Contrast Check

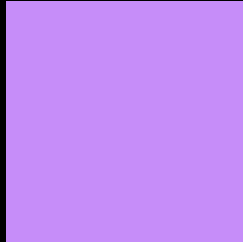
Large Text (above 18pt) WCAG AA × Fail

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 C68DF9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

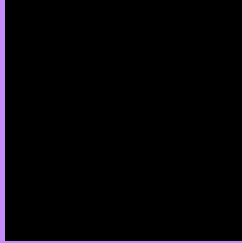
Any Text WCAG AA ✓ Pass

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 C68DF9 Background



This preview shows how black text looks on a background with the Hex color C68DF9.

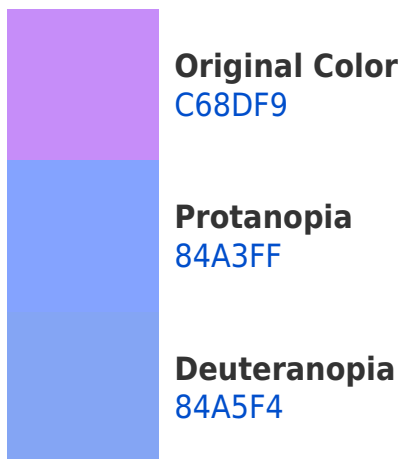


This preview shows how white text looks on a background with the Hex color C68DF9.

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](#).

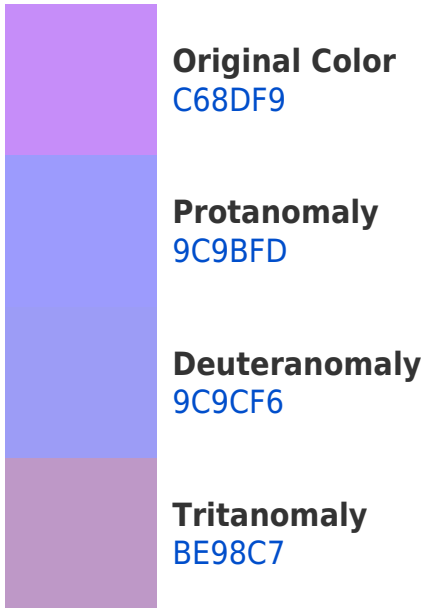
Dichromacy



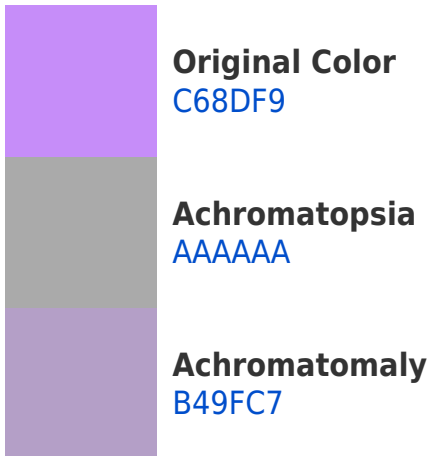


Tritanopia
B99EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C68DF9 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 #C68DF9 looks like.

```
.text, #text, p{  
    color:#C68DF9  
}
```

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 #C68DF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C68DF9
}
```

Border

The CSS property to change the border of an element to Hex C68DF9 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
#C68DF9 }
```

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

```
.border{ border-color:#C68DF9 }
```

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

Here you see how a box with a 4 pixel #C68DF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C68DF9; -webkit-box-shadow:4px 4px  
4px 4px #C68DF9; box-shadow:4px 4px 4px  
4px #C68DF9 }
```

Background

The CSS property to change the background color of an element to Hex C68DF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C68DF9 }
```

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

```
.background{ background-color:#C68DF9 }
```

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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