

Converting Colors

Hex(DC9CFF)

Have a look what the booklet for
Hex(DC9CFF) contains.

Hex(DC9CFF)	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(DC9CFF)

Conversions

Conversions Part 1

Format	Color
Hex	DC9CFF
RGB	220, 156, 255
RGB Percent	86%, 61%, 100%
CMY	0.1373, 0.3882, 0.0000
CMYK	0.14, 0.39, 0.00, 0.00
HSL	279°, 100%, 81%
HSV	279°, 39%, 100%
XYZ	59.4537, 46.2126, 100.3941
YIQ	186.4220, 6.3650, 44.3570

Conversions

Conversions Part 2

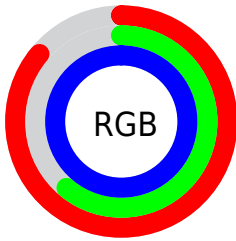
Format	Color
R _{YB}	220, 156, 255
Decimal	14458111
CIE _{Lab}	73.68, 41.05, -40.03
CIE _{LCh}	74, 57.338, 315.715
Yxy	46.2126, 0.2885, 0.2243
Android (android.graphics.Color)	4292648191 (0xFFDC9CFF)
YUV	186.4220, 33.8090, 29.4479
Hunter-Lab	67.9798, 37.1475, -39.9749

Details

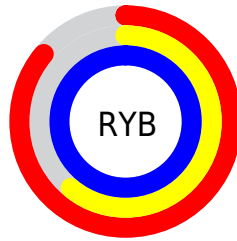
The Hex color **DC9CFF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **BFFF9C**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFD3FF**, and **A367C6** is the 20% darker color. If you saturate the color by 10%, you get **D383FF**, and if you desaturate by 10%, it is **E5B6FF**.

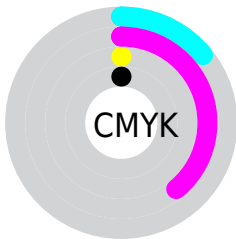
Distribution



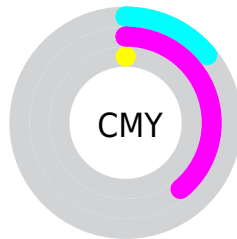
- Red (86%)
- Green (61%)
- Blue (100%)



- Red (86%)
- Yellow (61%)
- Blue (100%)



- Cyan (14%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (39%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC9CFF 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 DC9CFF by changing the saturation by 10% instead.

 DC9CFF

 DC9CFF

FFFFFF

 BF81E2

 FFD3FF

 A367C6

 FFF0FF

 884EAA

 6D358F

 531D75

 3A015C

 210044

 00002D

 000117

 DC9CFF

 DC9CFF

 D383FF

 E5B6FF

 CA69FF

 EECFFF

 C150FF

 F7E9FF

 B836FF

FFFFFF

 AF1DFF

 A603FF

 A500FF

Harmonies

Analogous

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



8DB1FF



DC9CFF



FF8BD0

Triad

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



DC9CFF



E8A94C



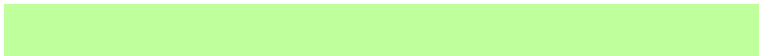
00CFD0

Complementary

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



DC9CFF



BFFF9C

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.



00CE99



DC9CFF



B8BB4A

Square

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



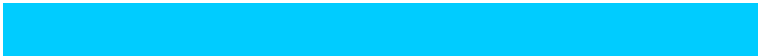
DC9CFF



FF966C



7DC768



00CCFF

Rectangle

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



DC9CFF



FF87AD



7DC768



00CFBE

Sweetspot

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



DC9CFF



F4E0FF



9CC0FF



796E80



000000



808080

Same Dimension

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



DC9CFF



D587FF



FF9CF2



7B7380



7C00BF



290040

Inverse Universe

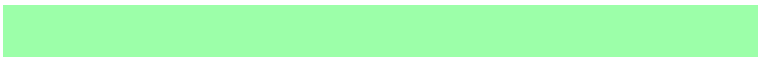
The Inverse Universe completely reimagines the original color for something new.



FF9CBF



FF87B2



9CFFA9



807377



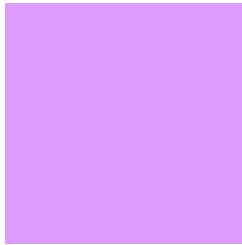
BF0044



400017

Previews

White Background



This preview shows how the Hex color DC9CFF looks on a white background.

Color Contrast Check

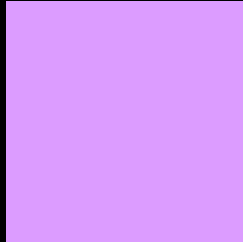
Large Text (above 18pt) WCAG AA × Fail

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 DC9CFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

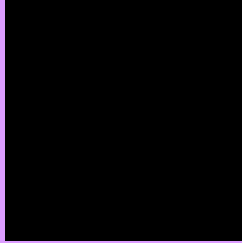
Any Text WCAG AA ✓ Pass

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 DC9CFF Background



This preview shows how black text looks on a background with the Hex color DC9CFF.

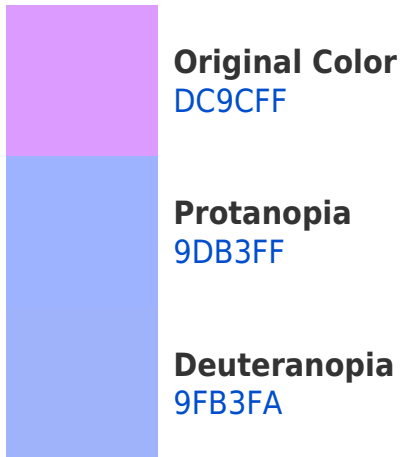


This preview shows how white text looks on a background with the Hex color DC9CFF.

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](#).

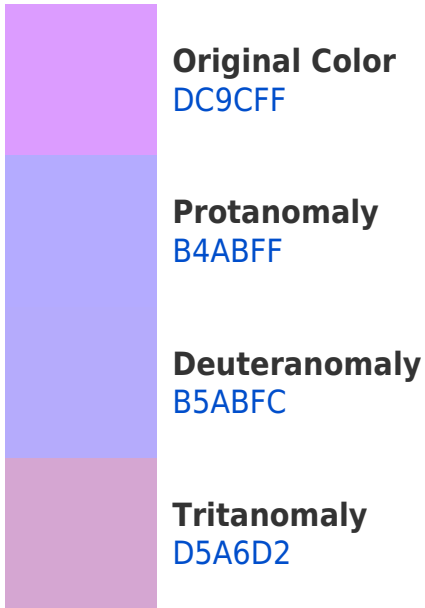
Dichromacy



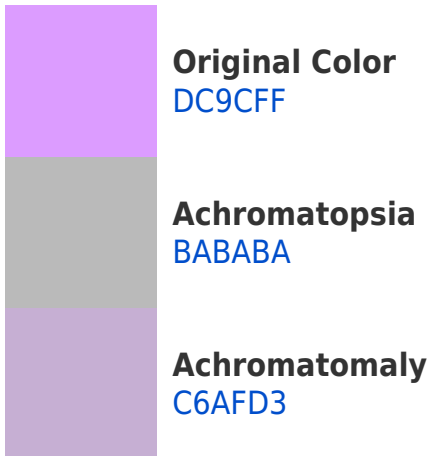


Tritanopia
D1ABB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DC9CFF 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 #DC9CFF looks like.

```
.text, #text, p{  
    color:#DC9CFF  
}
```

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 #DC9CFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC9CFF
}
```

Border

The CSS property to change the border of an element to Hex DC9CFF 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
#DC9CFF }
```

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

```
.border{ border-color:#DC9CFF }
```

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

Here you see how a box with a 4 pixel #DC9CFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC9CFF; -webkit-box-shadow:4px 4px  
4px 4px #DC9CFF; box-shadow:4px 4px 4px  
4px #DC9CFF }
```

Background

The CSS property to change the background color of an element to Hex DC9CFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC9CFF }
```

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

```
.background{ background-color:#DC9CFF }
```

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