

Converting Colors

Hex(DE9CFF)

Have a look what the booklet for
Hex(DE9CFF) contains.

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Color

Hex(DE9CFF)

Conversions

Conversions Part 1

Format	Color
Hex	DE9CFF
RGB	222, 156, 255
RGB Percent	87%, 61%, 100%
CMY	0.1294, 0.3882, 0.0000
CMYK	0.13, 0.39, 0.00, 0.00
HSL	280°, 100%, 81%
HSV	280°, 39%, 100%
XYZ	60.0627, 46.5265, 100.4226
YIQ	187.0200, 7.5570, 44.7810

Conversions

Conversions Part 2

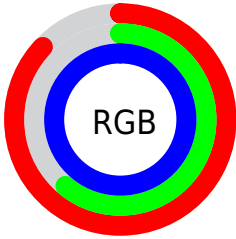
Format	Color
R _Y B	222, 156, 255
Decimal	14589183
CIE Lab	73.89, 41.63, -39.70
CIE LCh	74, 57.527, 316.355
Yxy	46.5265, 0.2901, 0.2248
Android (android.graphics.Color)	4292779263 (0xFFDE9CFF)
YUV	187.0200, 33.5141, 30.6775
Hunter-Lab	68.2104, 37.8101, -39.5424

Details

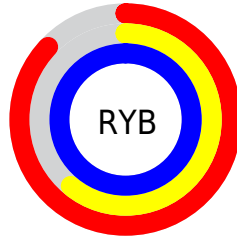
The Hex color **DE9CFF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **BDF99C**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFD3FF**, and **A567C6** is the 20% darker color. If you saturate the color by 10%, you get **D683FF**, and if you desaturate by 10%, it is **E7B6FF**.

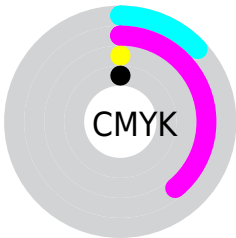
Distribution



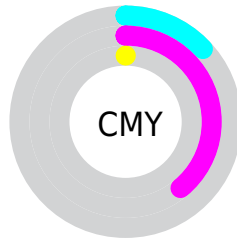
- Red (87%)
- Green (61%)
- Blue (100%)



- Red (87%)
- Yellow (61%)
- Blue (100%)



- Cyan (13%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (39%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE9CFF 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 DE9CFF by changing the saturation by 10% instead.

 DE9CFF

 DE9CFF

FFFFFF

 C181E2

 FFD3FF

 A567C6

 FFF0FF

 8A4EAA

 6F358F

 551C75

 3B005C

 230044

 00002D

 000117

 DE9CFF

 DE9CFF

 D683FF

 E7B6FF

 CD69FF

 EFCFFF

 C550FF

 F8E9FF

 BC36FF

FFFFFF

 B41DFF

 AB03FF

 AA00FF

Harmonies

Analogous

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



8FB1FF



DE9CFF



FF8BD0

Triad

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



DE9CFF



E8AA4C



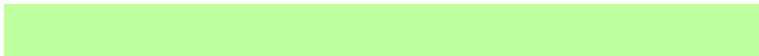
00D0D2

Complementary

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



DE9CFF



BDF99C

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.



00CE9B



DE9CFF



B8BC4B

Square

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



DE9CFF



FF966B



7CC86A



00CCFF

Rectangle

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



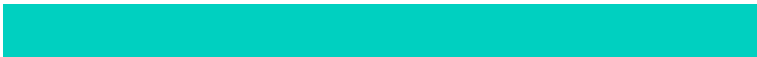
DE9CFF



FF87AC



7CC86A



00D0C0

Sweetspot

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



DE9CFF



F5E0FF



9CBDFE



7A6E80



000000



808080

Same Dimension

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



DE9CFF



D787FF



FF9CEE



7B7380



8000BF



2B0040

Inverse Universe

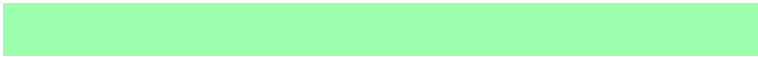
The Inverse Universe completely reimagines the original color for something new.



FF9CBD



FF87AF



9CFFAD



807377



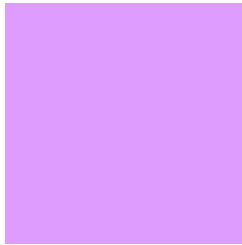
BF0040



400015

Previews

White Background



This preview shows how the Hex color DE9CFF looks on a white background.

Color Contrast Check

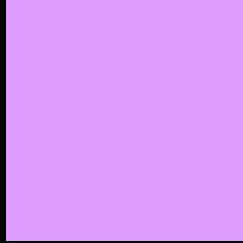
Large Text (above 18pt) WCAG AA × Fail

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 DE9CFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

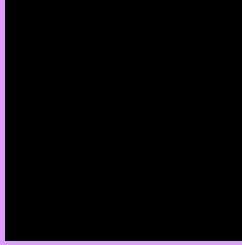
Any Text WCAG AA ✓ Pass

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 DE9CFF Background



This preview shows how black text looks on a background with the Hex color DE9CFF.

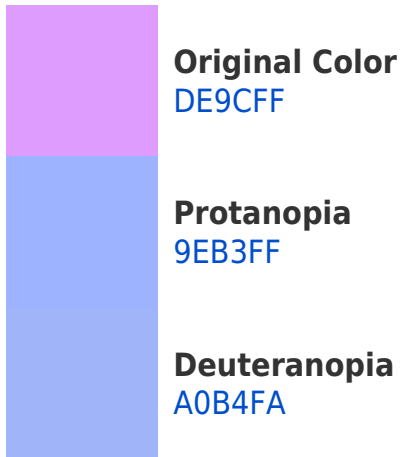


This preview shows how white text looks on a background with the Hex color DE9CFF.

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
D3ABB8

Trichromacy



Original Color
DE9CFF



Protanomaly
B5ABFF



Deuteranomaly
B7ABFC



Tritanomaly
D7A6D2

Monochromacy



Original Color
DE9CFF



Achromatopsia
BBBBBB



Achromatomaly
C8B0D4

CSS Examples

Text

The CSS property to change the color of the text to Hex DE9CFF 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 #DE9CFF looks like.

```
.text, #text, p{  
    color:#DE9CFF  
}
```

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 #DE9CFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE9CFF
}
```

Border

The CSS property to change the border of an element to Hex DE9CFF 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
#DE9CFF }
```

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

```
.border{ border-color:#DE9CFF }
```

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

Here you see how a box with a 4 pixel #DE9CFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE9CFF; -webkit-box-shadow:4px 4px  
4px 4px #DE9CFF; box-shadow:4px 4px 4px  
4px #DE9CFF }
```

Background

The CSS property to change the background color of an element to Hex DE9CFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE9CFF }
```

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

```
.background{ background-color:#DE9CFF }
```

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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