

Converting Colors

Hex(DE9FF3)

Have a look what the booklet for
Hex(DE9FF3) contains.

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Color

Hex(DE9FF3)

Conversions

Conversions Part 1

Format	Color
Hex	DE9FF3
RGB	222, 159, 243
RGB Percent	87%, 62%, 95%
CMY	0.1294, 0.3765, 0.0471
CMYK	0.09, 0.35, 0.00, 0.05
HSL	285°, 78%, 79%
HSV	285°, 35%, 95%
XYZ	58.7000, 46.7969, 90.7329
YIQ	187.4130, 10.5840, 39.4800

Conversions

Conversions Part 2

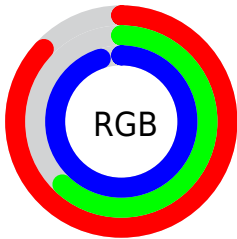
Format	Color
RYB	222, 159, 243
Decimal	14589939
CIELab	74.06, 37.61, -32.93
CIELCh	74, 49.988, 318.795
Yxy	46.7969, 0.2991, 0.2385
Android (android.graphics.Color)	4292780019 (0xFFDE9FF3)
YUV	187.4130, 27.4044, 30.3328
Hunter-Lab	68.4083, 33.4534, -30.7531

Details

The Hex color **DE9FF3** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B4F39F**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFD6FF**, and **A66ABB** is the 20% darker color. If you saturate the color by 10%, you get **D887F3**, and if you desaturate by 10%, it is **E4B7F3**.

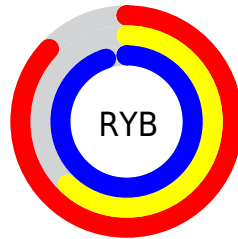
Distribution



Red (87%)

Green (62%)

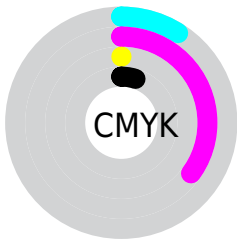
Blue (95%)



Red (87%)

Yellow (62%)

Blue (95%)

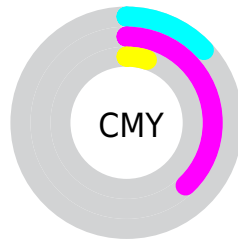


Cyan (9%)

Magenta (35%)

Yellow (0%)

Black (5%)



Cyan (13%)

Magenta (38%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE9FF3 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 DE9FF3 by changing the saturation by 10% instead.

 DE9FF3

FFFFFF

 FFD6FF

 FFF3FF

 DE9FF3

 C284D6

 A66ABB

 8B519F

 703985

 56206B

 3D0553

 26003B

 030025

 00010D

 DE9FF3

 DE9FF3

 D887F3

 E4B7F3

 D26EF3

 EAD0F3

 CC56F3

 F0E8F3

 C63EF3

 F6FFF3

 C026F3

 FCFFF3

 BA0DF3

 FFFFF3

 B600F3

Harmonies

Analogous

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



9FB1FF



DE9FF3



FF92C9

Triad

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



DE9FF3



E1AD5B



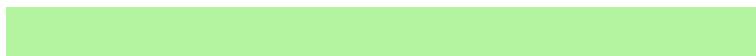
00CED2

Complementary

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



DE9FF3



B4F39F

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.



33CDA3



DE9FF3



B5BC5C

Square

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



DE9FF3



FF9D73



81C778



00CAFA

Rectangle

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



DE9FF3



FF90AA



81C778



00CEC3

Sweetspot

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



DE9FF3



F9E6FF



9FB4F3



7C7080



000000



808080

Same Dimension

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



DE9FF3



E596FF



F39FDE



776E7A



8C00BA



2C003B

Inverse Universe

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



F39FB4



FF96B1



9FF3B4



7A6E71



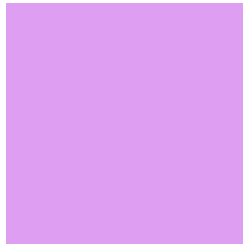
BA002F



3B000F

Previews

White Background



This preview shows how the Hex color DE9FF3 looks on a white background.

Color Contrast Check

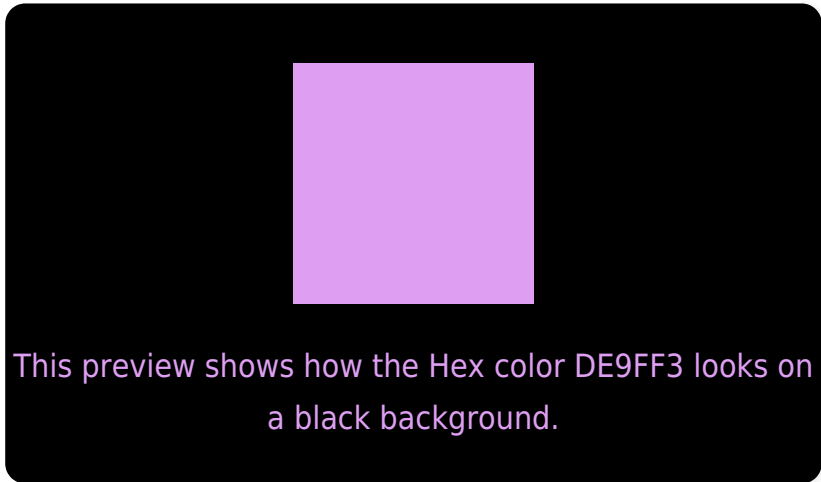
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

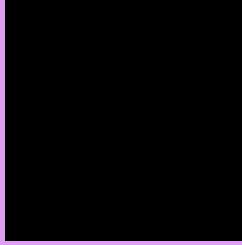
Any Text WCAG AA ✓ Pass

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 DE9FF3 Background



This preview shows how black text looks on a background with the Hex color DE9FF3.

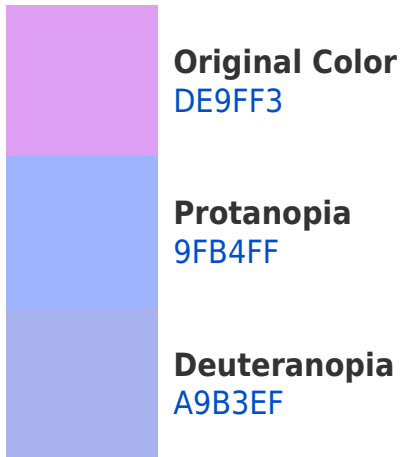


This preview shows how white text looks on a background with the Hex color DE9FF3.

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
D5ABB8

Trichromacy



Original Color
DE9FF3



Protanomaly
B6ACFB



Deuteranomaly
BCACF0

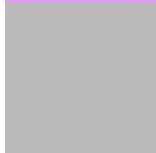


Tritanomaly
D8A7CD

Monochromacy



Original Color
DE9FF3



Achromatopsia
BBBBBB



Achromatomaly
C8B1CF

CSS Examples

Text

The CSS property to change the color of the text to Hex DE9FF3 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 #DE9FF3 looks like.

```
.text, #text, p{  
    color:#DE9FF3  
}
```

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 #DE9FF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE9FF3
}
```

Border

The CSS property to change the border of an element to Hex DE9FF3 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
#DE9FF3 }
```

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

```
.border{ border-color:#DE9FF3 }
```

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

Here you see how a box with a 4 pixel #DE9FF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE9FF3; -webkit-box-shadow:4px 4px  
4px 4px #DE9FF3; box-shadow:4px 4px 4px  
4px #DE9FF3 }
```

Background

The CSS property to change the background color of an element to Hex DE9FF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE9FF3 }
```

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

```
.background{ background-color:#DE9FF3 }
```

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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