

Converting Colors

Hex(D987FF)

Have a look what the booklet for
Hex(D987FF) contains.

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Color

Hex(D987FF)

Conversions

Conversions Part 1

Format	Color
Hex	D987FF
RGB	217, 135, 255
RGB Percent	85%, 53%, 100%
CMY	0.1490, 0.4706, 0.0000
CMYK	0.15, 0.47, 0.00, 0.00
HSL	281°, 100%, 76%
HSV	281°, 47%, 100%
XYZ	55.3292, 39.2997, 99.2772
YIQ	173.1980, 10.3520, 54.7040

Conversions

Conversions Part 2

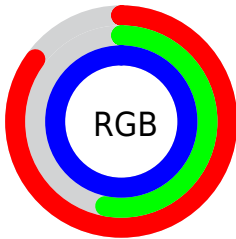
Format	Color
R_{YB}	217, 135, 255
Decimal	14256127
CIE _{Lab}	68.97, 51.25, -47.44
CIE _{LCh}	69, 69.834, 317.208
Yxy	39.2997, 0.2853, 0.2027
Android (android.graphics.Color)	4292446207 (0xFFD987FF)
YUV	173.1980, 40.3284, 38.4144
Hunter-Lab	62.6894, 47.8363, -50.0111

Details

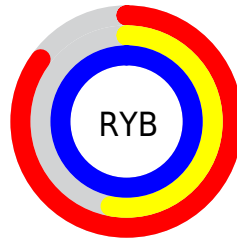
The Hex color **D987FF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **ADFF87**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFBEFF**, and **A052C6** is the 20% darker color. If you saturate the color by 10%, you get **D16EFF**, and if you desaturate by 10%, it is **E1A1FF**.

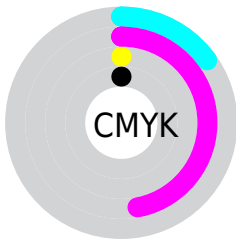
Distribution



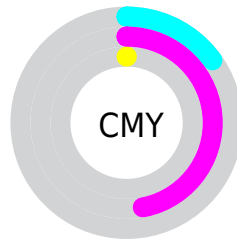
- Red (85%)
- Green (53%)
- Blue (100%)



- Red (85%)
- Yellow (53%)
- Blue (100%)



- Cyan (15%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color D987FF 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 D987FF by changing the saturation by 10% instead.

 D987FF

 D987FF

FFFFFF

 BC6CE2

 FFBEFF

 A052C6

 FFDBFF

 8438AA

 FFF8FF

 691C8F

 4E0075

 33005C

 1C0044

 00002C

 000116

 D987FF

 D987FF

 D16EFF

 E1A1FF

 C954FF

 E9BAFF

 C13AFF

 F1D4FF

 B921FF

 F9EDFF

 B108FF

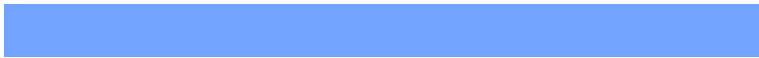
FFFFFF

 AE00FF

Harmonies

Analogous

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



71A3FF



D987FF



FF6FC6

Triad

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



D987FF



DE9C1E



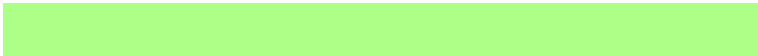
00C6CC

Complementary

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



D987FF



ADFF87

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.



00C48A



D987FF



A5B01A

Square

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



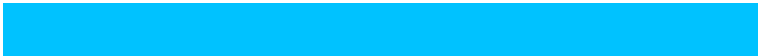
D987FF



FF814D



59BE4C



00C2FF

Rectangle

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



D987FF



FF6A9C



59BE4C



00C6B6

Sweetspot

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



D987FF



F4DBFF



87ADFF



796A80



000000



808080

Same Dimension

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



D987FF



D270FF



FF87E9



7B7380



8300BF



2C0040

Inverse Universe

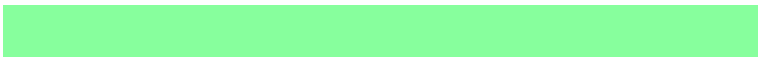
The Inverse Universe completely reimagines the original color for something new.



FF87AD



FF709D



87FF9D



807377



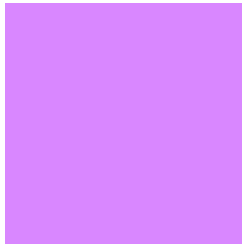
BF003D



400014

Previews

White Background



This preview shows how the Hex color D987FF looks on a white background.

Color Contrast Check

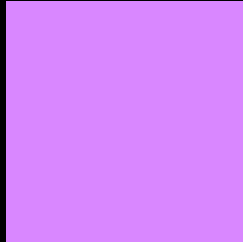
Large Text (above 18pt) WCAG AA × Fail

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 D987FF 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 D987FF Background



This preview shows how black text looks on a background with the Hex color D987FF.

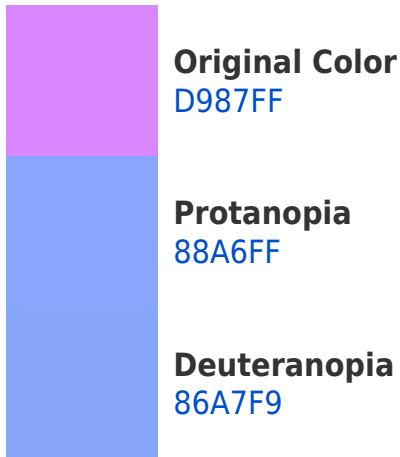


This preview shows how white text looks on a background with the Hex color D987FF.

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](#).

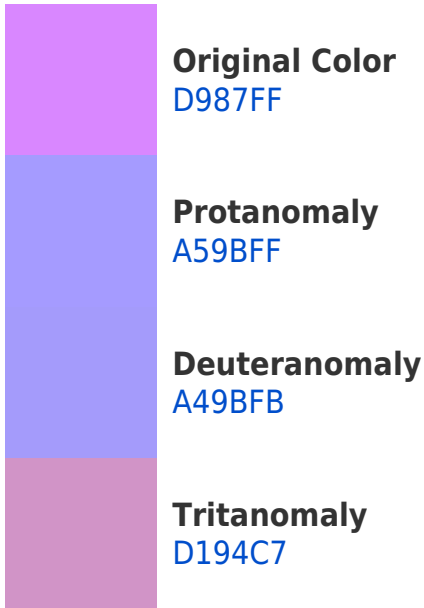
Dichromacy



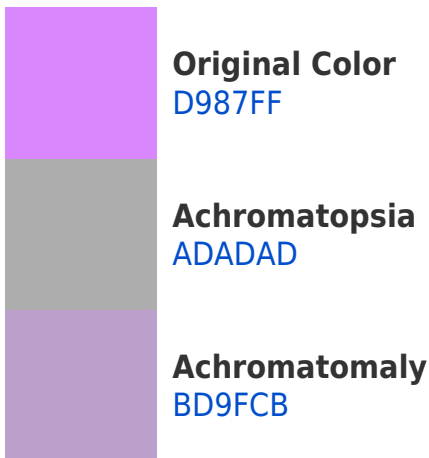


Tritanopia
CC9BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D987FF 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 #D987FF looks like.

```
.text, #text, p{  
    color:#D987FF  
}
```

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 #D987FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D987FF }  
}
```

Border

The CSS property to change the border of an element to Hex D987FF 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 #D987FF }  
}
```

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

```
.border{ border-color:#D987FF }
```

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

Here you see how a box with a 4 pixel #D987FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D987FF; -webkit-box-shadow:4px 4px  
4px 4px #D987FF; box-shadow:4px 4px 4px  
4px #D987FF }
```

Background

The CSS property to change the background color of an element to Hex D987FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D987FF }
```

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

```
.background{ background-color:#D987FF }
```

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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