

# Converting Colors

Hex(D988FE)

Have a look what the booklet for  
Hex(D988FE) contains.

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# Color

**Hex(D988FE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D988FE
RGB	217, 136, 254
RGB Percent	85%, 53%, 100%
CMY	0.1490, 0.4667, 0.0039
CMYK	0.15, 0.46, 0.00, 0.00
HSL	281°, 98%, 76%
HSV	281°, 46%, 100%
XYZ	55.3088, 39.5158, 98.4781
YIQ	173.6710, 10.3980, 53.8700

# Conversions

## Conversions Part 2

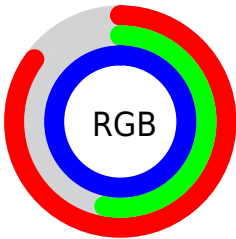
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	217, 136, 254
Decimal	14256382
CIE <sub>Lab</sub>	69.12, 50.52, -46.65
CIE <sub>LCh</sub>	69, 68.768, 317.283
Yxy	39.5158, 0.2861, 0.2044
Android (android.graphics.Color)	4292446462 (0xFFD988FE)
YUV	173.6710, 39.6022, 37.9995
Hunter-Lab	62.8616, 47.0456, -48.8798

# Details

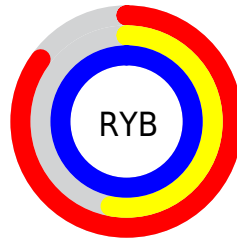
The Hex color **D988FE** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **ADFE88**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFBFFF**, and **A053C5** is the 20% darker color. If you saturate the color by 10%, you get **D16FFE**, and if you desaturate by 10%, it is **E1A1FE**.

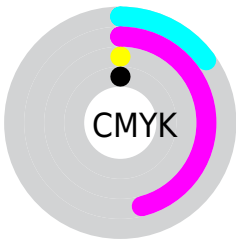
# Distribution



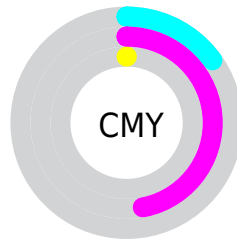
- Red (85%)
- Green (53%)
- Blue (100%)



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



- Cyan (15%)
- Magenta (46%)
- Yellow (0%)
- Black (0%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color D988FE 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 D988FE by changing the saturation by 10% instead.



 D988FE

FFFFFF

 FFBFFF

 FFDCFF

 FFF9FF

 D988FE

 BC6DE1

 A053C5

 8439A9


 691E8E

 4E0074

 33005B

 1D0043

 00002B

 000116

 D988FE

 D988FE

 D16FFE

 E1A1FE

 C955FE

 E9BBFE

 C13CFE

 F1D4FE

 B922FE

 F9EEFE

 B109FE

FFFFFFE

 AE00FE

# Harmonies

## Analogous

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



74A3FF



D988FE



FF70C6

# Triad

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



D988FE



DE9C22



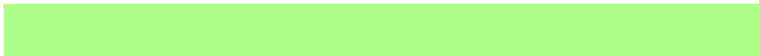
00C6CC

# Complementary

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



D988FE



ADFE88

# 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.



00C58B



D988FE



A6B11F

# Square

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



D988FE



FF834F



5BBE4E



00C3FF

# Rectangle

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



D988FE



FF6C9C



5BBE4E



00C6B7



# Sweetspot

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



D988FE



F4DBFF



88ADFE



796A80



000000



808080



# Same Dimension

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



D988FE



D270FF



FE88E8



7C7380



8300BF



2C0040



# Inverse Universe

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



FE88AD



FF709D



88FE9E



807377



BF003C

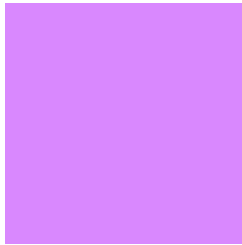


400014



# Previews

## White Background



This preview shows how the Hex color D988FE 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

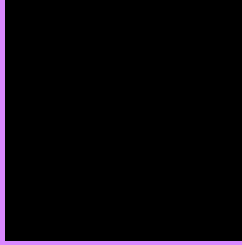
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D988FE Background



This preview shows how black text looks on a background with the Hex color D988FE.



This preview shows how white text looks on a background with the Hex color D988FE.

# 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](#).

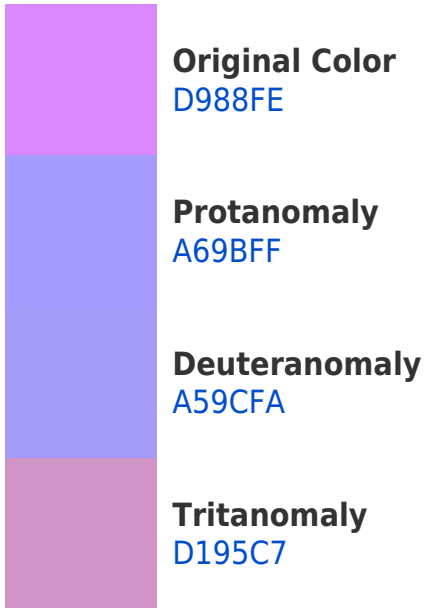
## Dichromacy



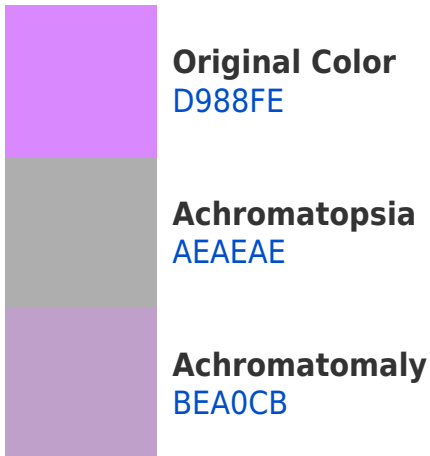


**Tritanopia**  
CC9CA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D988FE 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 #D988FE looks like.

```
.text, #text, p{  
    color:#D988FE  
}
```

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 #D988FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D988FE
}
```

## Border

The CSS property to change the border of an element to Hex D988FE 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".

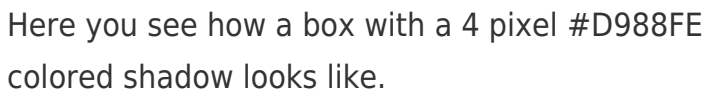
```
.border, #border, table{ border:4px solid
#D988FE }
```

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

```
.border{ border-color:#D988FE }
```

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

Here you see how a box with a 4 pixel #D988FE colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is open, and a purple shadow is cast to the right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D988FE; -webkit-box-shadow:4px 4px  
4px 4px #D988FE; box-shadow:4px 4px 4px  
4px #D988FE }
```

# Background

The CSS property to change the background color of an element to Hex D988FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D988FE }
```

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

```
.background{ background-color:#D988FE }
```

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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