

# Converting Colors

Hex(D18EFA)

Have a look what the booklet for  
Hex(D18EFA) contains.

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# Color

**Hex(D18EFA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D18EFA
RGB	209, 142, 250
RGB Percent	82%, 56%, 98%
CMY	0.1804, 0.4431, 0.0196
CMYK	0.16, 0.43, 0.00, 0.02
HSL	277°, 92%, 77%
HSV	277°, 43%, 98%
XYZ	53.2228, 39.8034, 95.3202
YIQ	174.3450, 5.2640, 47.7920

# Conversions

## Conversions Part 2

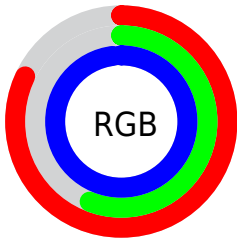
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	209, 142, 250
Decimal	13733626
CIE <sub>Lab</sub>	69.33, 44.32, -44.21
CIE <sub>LCh</sub>	69, 62.598, 315.075
Yxy	39.8034, 0.2826, 0.2113
Android (android.graphics.Color)	4291923706 (0xFFD18EFA)
YUV	174.3450, 37.2979, 30.3924
Hunter-Lab	63.0900, 40.1755, -45.4160

# Details

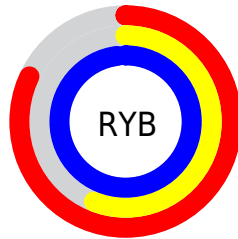
The Hex color **D18EFA** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B7FA8E**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFC5FF**, and **995AC1** is the 20% darker color. If you saturate the color by 10%, you get **C875FA**, and if you desaturate by 10%, it is **DAA7FA**.

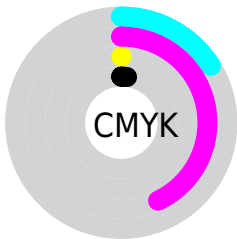
# Distribution



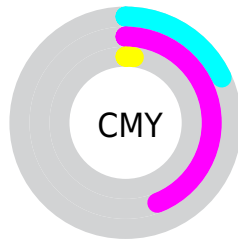
- Red (82%)
- Green (56%)
- Blue (98%)



- Red (82%)
- Yellow (56%)
- Blue (98%)



- Cyan (16%)
- Magenta (43%)
- Yellow (0%)
- Black (2%)



- Cyan (18%)
- Magenta (44%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D18EFA 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 D18EFA by changing the saturation by 10% instead.



 D18EFA

FFFFFF

 FFC5FF

 FFE1FF

FFFEFF

 D18EFA

 B474DD

 995AC1

 7D41A6

 62288B

 480C71

 2E0058

 180040

 000329

 000113

 D18EFA

 D18EFA

 C875FA

 DAA7FA

 BE5CFA

 E4C0FA

 B543FA

 EDD9FA

 AB2AFA

 F7F2FA

 A211FA

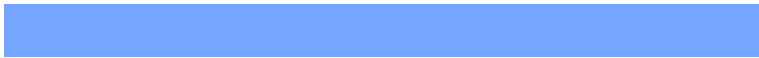
 FFFFFA

 9B00FA

# Harmonies

## Analogous

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



75A6FF



D18EFA



FF79C8

# Triad

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



D18EFA



DF9C36



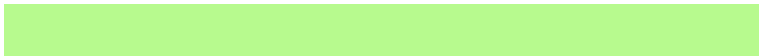
00C5C5

# Complementary

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



D18EFA



B7FA8E

# 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.



00C38A



D18EFA



ACAF31

# Square

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



D18EFA



FF865B



6BBC55



00C2F8

# Rectangle

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



D18EFA



FF75A2



6BBC55



00C5B2



# Sweetspot

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



D18EFA



F2DEFF



8EB7FA



786B80



000000



808080



# Same Dimension

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



D18EFA



CD7AFF



FA8EED



78707D



7500BD



26003D



# Inverse Universe

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



FA8EB7



FF7AAD



8EFA9B



7D7075



BD0048

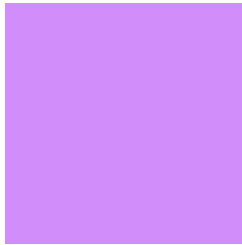


3D0017



# Previews

## White Background



This preview shows how the Hex color D18EFA 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

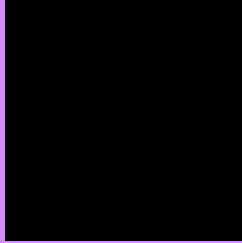
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D18EFA Background



This preview shows how black text looks on a background with the Hex color D18EFA.



This preview shows how white text looks on a background with the Hex color D18EFA.

# 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](#).

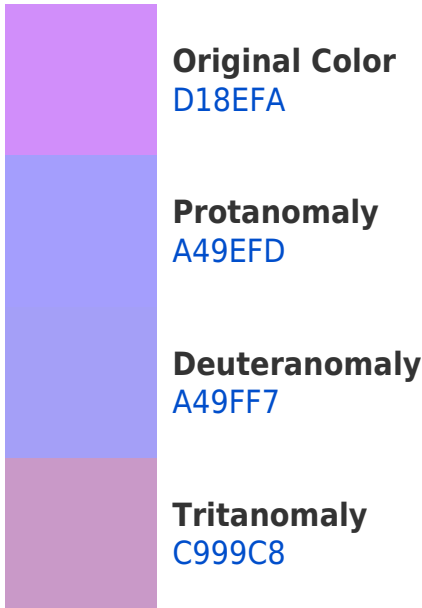
## Dichromacy



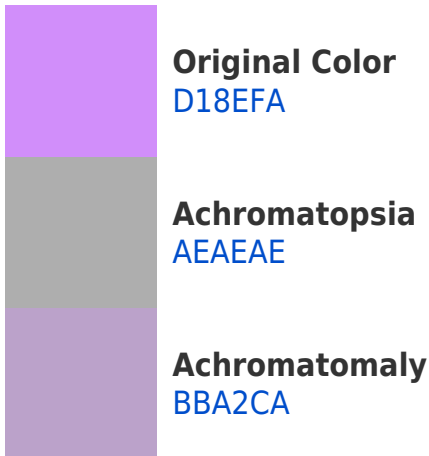


**Tritanopia**  
C59FAC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D18EFA 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 #D18EFA looks like.

```
.text, #text, p{  
    color:#D18EFA  
}
```

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 #D18EFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D18EFA
}
```

## Border

The CSS property to change the border of an element to Hex D18EFA is called "border". The border property can be set on classes, ids or directly on the HTML element.

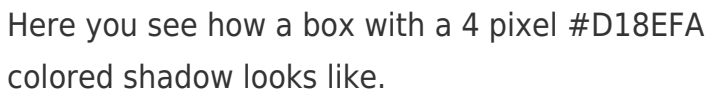
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D18EFA }
```

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

```
.border{ border-color:#D18EFA }
```

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



Here you see how a box with a 4 pixel #D18EFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D18EFA; -webkit-box-shadow:4px 4px  
4px 4px #D18EFA; box-shadow:4px 4px 4px  
4px #D18EFA }
```

# Background

The CSS property to change the background color of an element to Hex D18EFA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D18EFA }
```

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

```
.background{ background-color:#D18EFA }
```

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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