

# Converting Colors

Hex(D18FE9)

Have a look what the booklet for  
Hex(D18FE9) contains.

<b>Hex(D18FE9)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(D18FE9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D18FE9
RGB	209, 143, 233
RGB Percent	82%, 56%, 91%
CMY	0.1804, 0.4392, 0.0863
CMYK	0.10, 0.39, 0.00, 0.09
HSL	284°, 67%, 74%
HSV	284°, 39%, 91%
XYZ	50.8249, 39.0834, 81.9559
YIQ	172.9940, 10.4460, 41.9820

# Conversions

## Conversions Part 2

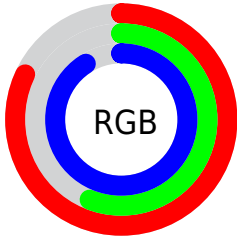
Format	Color
R <sub>Y</sub> B	209, 143, 233
Decimal	13733865
CIE Lab	68.81, 40.27, -35.70
CIE LCh	69, 53.816, 318.439
Yxy	39.0834, 0.2957, 0.2274
Android (android.graphics.Color)	4291923945 (0xFFD18FE9)
YUV	172.9940, 29.5830, 31.5773
Hunter-Lab	62.5167, 35.7129, -33.9641

# Details

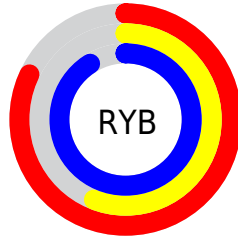
The Hex color **D18FE9** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **A7E98F**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFC6FF**, and **995BB1** is the 20% darker color. If you saturate the color by 10%, you get **CB78E9**, and if you desaturate by 10%, it is **D7A6E9**.

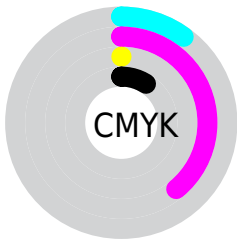
# Distribution



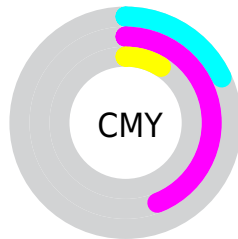
- Red (82%)
- Green (56%)
- Blue (91%)



- Red (82%)
- Yellow (56%)
- Blue (91%)



- Cyan (10%)
- Magenta (39%)
- Yellow (0%)
- Black (9%)



- Cyan (18%)
- Magenta (44%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D18FE9 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 D18FE9 by changing the saturation by 10% instead.



 D18FE9

 D18FE9

FFFFFF

 B575CD

 FFC6FF

 995BB1

 FFE2FF

 7E4296

 64297C

 4A0F63

 31004A

 1D0033

 00021D

 000000

 D18FE9

 D18FE9

 CB78E9

 D7A6E9

 C560E9

 DDBEE9

 BE49E9

 E4D5E9

 B832E9

 EAECE9

 B21AE9

 F0FFE9

 AC03E9

 F6FFE9

 AB00E9

 FCFFE9

 FFFFE9

# Harmonies

## Analogous

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



8BA3FF



D18FE9



F880BD

# Triad

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



D18FE9



D49F46



00C0C5

# Complementary

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



D18FE9



A7E98F

# 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.



00BF93



D18FE9



A7AF47

# Square

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



D18FE9



F58C61



6EB965



00BCF0

# Rectangle

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



D18FE9



FF7E9C



6EB965



00C0B5



# Sweetspot

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



D18FE9



F7E0FF



8FA7E9



7B6E80



000000



808080



# Same Dimension

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



D18FE9



E08AFF



E98FD4



726A75



8500B5



270036



# Inverse Universe

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



E98FA7



FF8AA9



8FE9A4



756A6D



B50030



36000E



# Previews

## White Background



This preview shows how the Hex color D18FE9 looks on a white background.

## Color Contrast Check

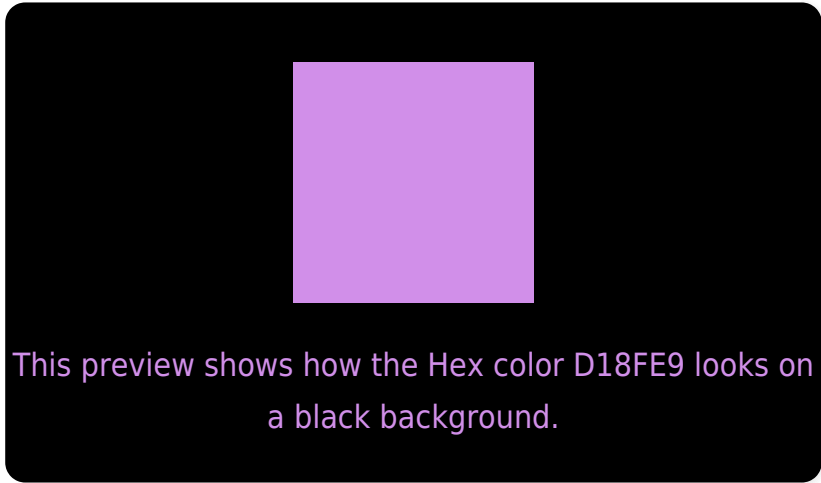
Large Text (above 18pt) WCAG AA × Fail

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 D18FE9 Background



This preview shows how black text looks on a background with the Hex color D18FE9.

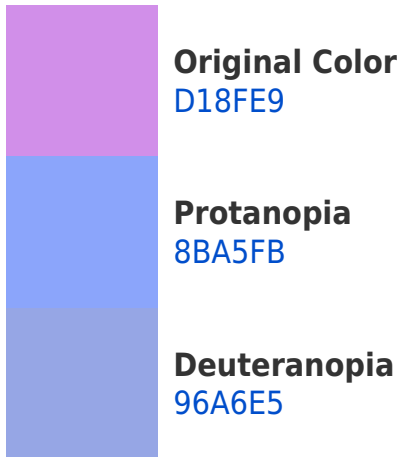


This preview shows how white text looks on a background with the Hex color D18FE9.

# 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**  
C79DA9

# Trichromacy



**Original Color**  
D18FE9



**Protanomaly**  
A49DF4



**Deuteranomaly**  
AB9EE6



**Tritanomaly**  
CB98C0

# Monochromacy



**Original Color**  
D18FE9



**Achromatopsia**  
ADADAD



**Achromatomaly**  
BAA2C3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D18FE9 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 #D18FE9 looks like.

```
.text, #text, p{  
    color:#D18FE9  
}
```

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 #D18FE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D18FE9
}
```

## Border

The CSS property to change the border of an element to Hex D18FE9 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
#D18FE9 }
```

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

```
.border{ border-color:#D18FE9 }
```

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

Here you see how a box with a 4 pixel #D18FE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D18FE9; -webkit-box-shadow:4px 4px  
4px 4px #D18FE9; box-shadow:4px 4px 4px  
4px #D18FE9 }
```

# Background

The CSS property to change the background color of an element to Hex D18FE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D18FE9 }
```

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

```
.background{ background-color:#D18FE9 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor