

# Converting Colors

Hex(D9BBF9)

Have a look what the booklet for  
Hex(D9BBF9) contains.

<b>Hex(D9BBF9)</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(D9BBF9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9BBF9
RGB	217, 187, 249
RGB Percent	85%, 73%, 98%
CMY	0.1490, 0.2667, 0.0235
CMYK	0.13, 0.25, 0.00, 0.02
HSL	269°, 84%, 85%
HSV	269°, 25%, 98%
XYZ	63.4845, 57.1319, 97.3041
YIQ	203.0380, -2.0220, 25.6420

# Conversions

## Conversions Part 2

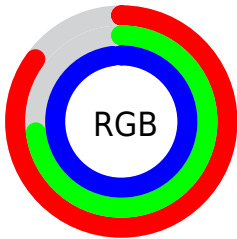
Format	Color
R <sub>Y</sub> B	217, 187, 249
Decimal	14269433
CIE <sub>Lab</sub>	80.25, 22.18, -26.69
CIE <sub>LCh</sub>	80, 34.701, 309.727
Yxy	57.1319, 0.2913, 0.2622
Android (android.graphics.Color)	4292459513 (0xFFD9BBF9)
YUV	203.0380, 22.6593, 12.2447
Hunter-Lab	75.5857, 17.6475, -23.4162

# Details

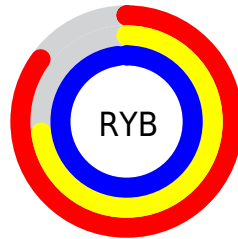
The Hex color **D9BBF9** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **DBF9BB**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFF3FF**, and **A286C0** is the 20% darker color. If you saturate the color by 10%, you get **CCA2F9**, and if you desaturate by 10%, it is **E6D4F9**.

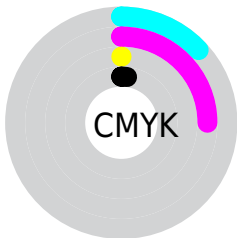
# Distribution



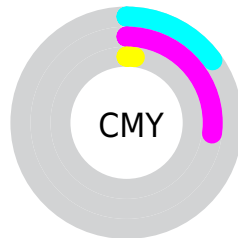
- Red (85%)
- Green (73%)
- Blue (98%)



- Red (85%)
- Yellow (73%)
- Blue (98%)



- Cyan (13%)
- Magenta (25%)
- Yellow (0%)
- Black (2%)



- Cyan (15%)
- Magenta (27%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D9BBF9 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 D9BBF9 by changing the saturation by 10% instead.



 D9BBF9

FFFFFF

 FFF3FF

 D9BBF9

 BDA0DC

 A286C0

 876CA5

 6D548B

 543C71

 3C2658

 241141

 14002B

 000115

 D9BBF9

 D9BBF9

 CCA2F9

 E6D4F9

 BF89F9

 F3EDF9

 B270F9

 FFFFF9

 A657F9

 993EF9

 8C26F9

 7F0DF9

 7800F9

# Harmonies

## Analogous

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



ACC7FF



D9BBF9



F9B2DE

# Triad

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



D9BBF9



F1BD8B



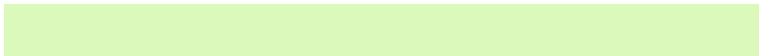
67D9D1

# Complementary

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



D9BBF9



DBF9BB

# 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.



89D7B0



D9BBF9



D3C887

# Square

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



D9BBF9



FFB49F



AFD194



5ED7EF

# Rectangle

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



D9BBF9



FFAFC9



AFD194



71D9C6



# Sweetspot

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



D9BBF9



F6EDFF



BBDBF9



7A7580



000000



808080



# Same Dimension

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



D9BBF9



D8B3FF



F8BBF9



77707D



5B00BD



1E003D



# Inverse Universe

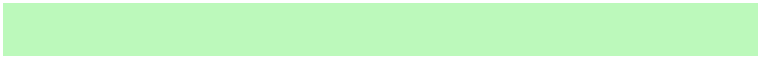
The Inverse Universe completely reimagines the original color for something new.



F9BBDB



FFB3DA



BCF9BB



7D7077



BD0061

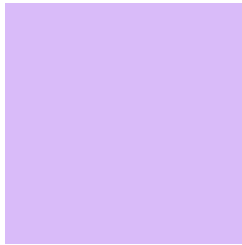


3D0020



# Previews

## White Background



This preview shows how the Hex color D9BBF9 looks on a white background.

## Color Contrast Check

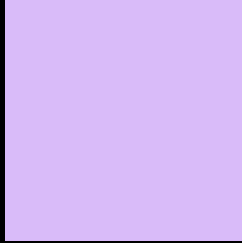
Large Text (above 18pt) WCAG AA × Fail

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 D9BBF9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

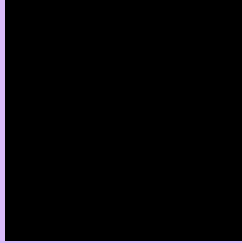
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D9BBF9 Background



This preview shows how black text looks on a background with the Hex color D9BBF9.

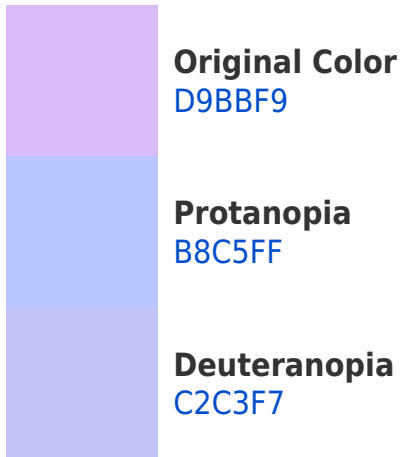


This preview shows how white text looks on a background with the Hex color D9BBF9.

# 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**  
D3C2D2

# Trichromacy



**Original Color**  
D9BBF9

**Protanomaly**  
C4C1FD

**Deuteranomaly**  
CAC0F8

**Tritanomaly**  
D5BFE0

# Monochromacy



**Original Color**  
D9BBF9

**Achromatopsia**  
CBCBCB

**Achromatomaly**  
D0C5DC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D9BBF9 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 #D9BBF9 looks like.

```
.text, #text, p{  
    color:#D9BBF9  
}
```

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 #D9BBF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9BBF9
}
```

## Border

The CSS property to change the border of an element to Hex D9BBF9 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
#D9BBF9 }
```

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

```
.border{ border-color:#D9BBF9 }
```

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

Here you see how a box with a 4 pixel #D9BBF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9BBF9; -webkit-box-shadow:4px 4px  
4px 4px #D9BBF9; box-shadow:4px 4px 4px  
4px #D9BBF9 }
```

# Background

The CSS property to change the background color of an element to Hex D9BBF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9BBF9 }
```

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

```
.background{ background-color:#D9BBF9 }
```

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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