

# Converting Colors

Hex(D09FF5)

Have a look what the booklet for  
Hex(D09FF5) contains.

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# **Color**

**Hex(D09FF5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D09FF5
RGB	208, 159, 245
RGB Percent	82%, 62%, 96%
CMY	0.1843, 0.3765, 0.0392
CMYK	0.15, 0.35, 0.00, 0.04
HSL	274°, 81%, 79%
HSV	274°, 35%, 96%
XYZ	54.8920, 44.7987, 92.1401
YIQ	183.4550, 1.5980, 37.1340

# Conversions

## Conversions Part 2

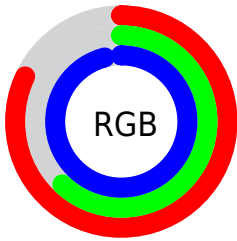
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	208, 159, 245
Decimal	13672437
CIE <sub>Lab</sub>	72.76, 33.80, -36.14
CIE <sub>LCh</sub>	73, 49.483, 313.084
Yxy	44.7987, 0.2861, 0.2335
Android (android.graphics.Color)	4291862517 (0xFFD09FF5)
YUV	183.4550, 30.3417, 21.5260
Hunter-Lab	66.9319, 29.2602, -34.7678

# Details

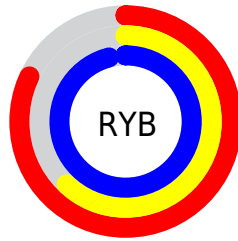
The Hex color **D09FF5** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C4F59F**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFD6FF**, and **986BBC** is the 20% darker color. If you saturate the color by 10%, you get **C587F5**, and if you desaturate by 10%, it is **DBB8F5**.

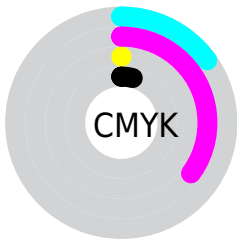
# Distribution



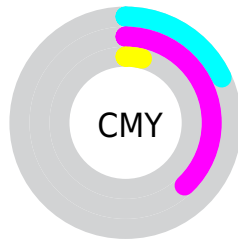
- Red (82%)
- Green (62%)
- Blue (96%)



- Red (82%)
- Yellow (62%)
- Blue (96%)



- Cyan (15%)
- Magenta (35%)
- Yellow (0%)
- Black (4%)



- Cyan (18%)
- Magenta (38%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D09FF5 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 D09FF5 by changing the saturation by 10% instead.



 D09FF5

 D09FF5

FFFFFF

 B484D8

 FFD6FF

 986BBC

 FFF3FF

 7E52A1

 633A87

 4A236D

 310B54

 1B003D

 000026

 00010F

 D09FF5

 D09FF5

 C587F5

 DBB8F5

 BB6EF5

 E5D0F5

 B056F5

 F0E9F5

 A63DF5

 FAFFF5

 9B24F5

 FFFFF5

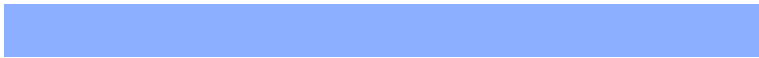
 910CF5

 8C00F5

# Harmonies

## Analogous

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



8CB0FF



D09FF5



F991CE

# Triad

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



D09FF5



E4A75B



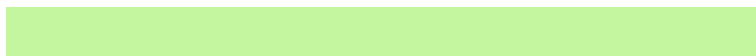
00CAC6

# Complementary

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



D09FF5



C4F59F

# 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.



45C897



D09FF5



BBB657

# Square

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



D09FF5



FF9777



89C26E



00C7EF

# Rectangle

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



D09FF5



FF8DB0



89C26E



00CAB6



# Sweetspot

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



D09FF5



F3E3FF



9FC4F5



786F80



000000



808080



# Same Dimension

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



D09FF5



D194FF



F59FEF



756E7A



6A00BA



21003B



# Inverse Universe

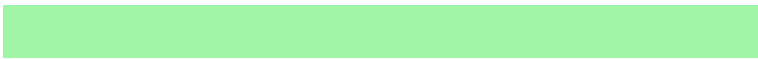
The Inverse Universe completely reimagines the original color for something new.



F59FC4



FF94C2



9FF5A5



7A6E73



BA0050

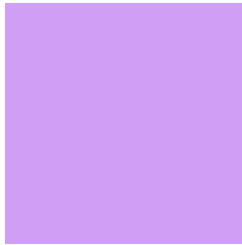


3B0019



# Previews

## White Background



This preview shows how the Hex color D09FF5 looks on a white background.

## Color Contrast Check

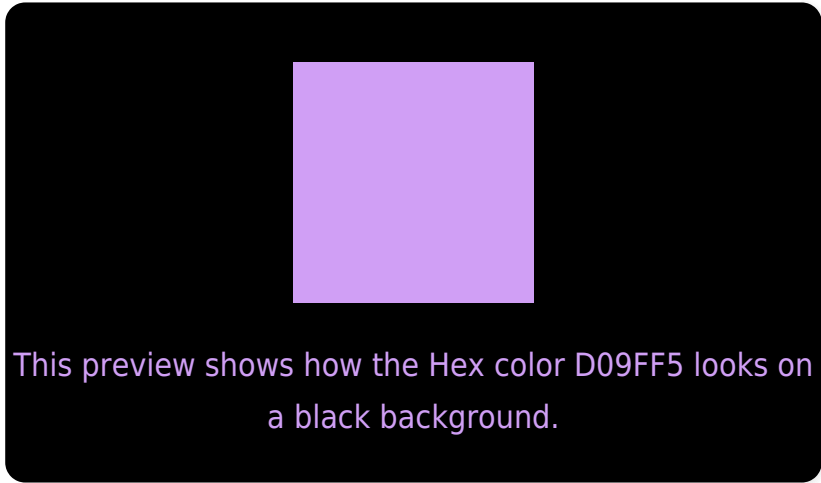
Large Text (above 18pt) WCAG AA × Fail

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

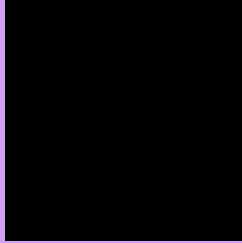
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D09FF5 Background



This preview shows how black text looks on a background with the Hex color D09FF5.

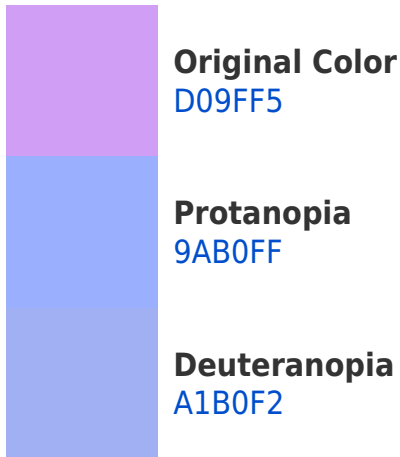


This preview shows how white text looks on a background with the Hex color D09FF5.

# 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**  
C6ABB9

# Trichromacy



**Original Color**  
D09FF5



**Protanomaly**  
AEAAFB



**Deuteranomaly**  
B2AAF3



**Tritanomaly**  
CAA7CF

# Monochromacy



**Original Color**  
D09FF5



**Achromatopsia**  
B7B7B7



**Achromatomaly**  
C0AECE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D09FF5 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 #D09FF5 looks like.

```
.text, #text, p{  
    color:#D09FF5  
}
```

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 #D09FF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D09FF5  
}
```

## Border

The CSS property to change the border of an element to Hex D09FF5 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  
#D09FF5 }
```

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

```
.border{ border-color:#D09FF5 }
```

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

Here you see how a box with a 4 pixel #D09FF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D09FF5; -webkit-box-shadow:4px 4px  
4px 4px #D09FF5; box-shadow:4px 4px 4px  
4px #D09FF5 }
```

# Background

The CSS property to change the background color of an element to Hex D09FF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D09FF5 }
```

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

```
.background{ background-color:#D09FF5 }
```

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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