

# Converting Colors

Hex(DDA3FB)

Have a look what the booklet for  
Hex(DDA3FB) contains.

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# Color

**Hex(DDA3FB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DDA3FB
RGB	221, 163, 251
RGB Percent	87%, 64%, 98%
CMY	0.1333, 0.3608, 0.0157
CMYK	0.12, 0.35, 0.00, 0.02
HSL	280°, 92%, 81%
HSV	280°, 35%, 98%
XYZ	60.3286, 48.5316, 97.4547
YIQ	190.3740, 6.3200, 39.6640

# Conversions

## Conversions Part 2

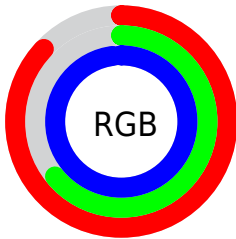
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	221, 163, 251
Decimal	14525435
CIE Lab	75.16, 36.77, -35.57
CIE LCh	75, 51.163, 315.951
Yxy	48.5316, 0.2924, 0.2352
Android (android.graphics.Color)	4292715515 (0xFFDDA3FB)
YUV	190.3740, 29.8886, 26.8590
Hunter-Lab	69.6646, 32.6654, -34.1763

# Details

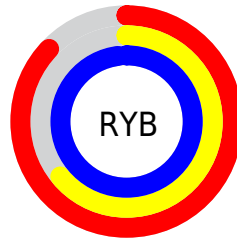
The Hex color **DDA3FB** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C1FBA3**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFDBFF**, and **A56EC2** is the 20% darker color. If you saturate the color by 10%, you get **D48AFB**, and if you desaturate by 10%, it is **E6BCFB**.

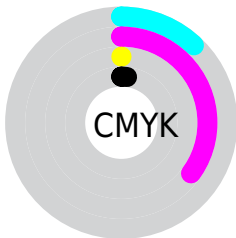
# Distribution



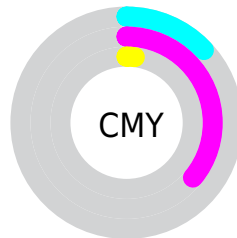
- Red (87%)
- Green (64%)
- Blue (98%)



- Red (87%)
- Yellow (64%)
- Blue (98%)



- Cyan (12%)
- Magenta (35%)
- Yellow (0%)
- Black (2%)



- Cyan (13%)
- Magenta (36%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DDA3FB 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 DDA3FB by changing the saturation by 10% instead.



 DDA3FB

FFFFFF

 FFDBFF

 FFF7FF

 DDA3FB

 C188DE

 A56EC2

 8A55A7

 6F3D8C

 552572

 3C0B59

 240041

 05002B

 000115

 DDA3FB

 DDA3FB

 D48AFB

 E6BCFB

 CC71FB

 EED5FB

 C358FB

 F7EEFB

 BB3FFB

 FFFFFB

 B225FB

 AA0CFB

 A500FB

# Harmonies

## Analogous

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



99B5FF



DDA3FB



FF95D1

# Triad

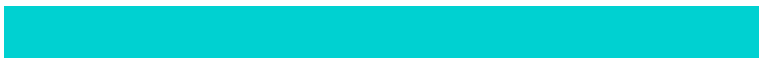
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DDA3FB



E8AF5C



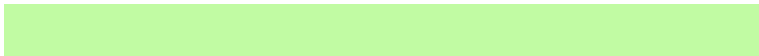
00D1D1

# Complementary

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



DDA3FB



C1FBA3

# 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.



3CD0A1



DDA3FB



BDBE5B

# Square

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



DDA3FB



FF9E77



88CA75



00CEFC

# Rectangle

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



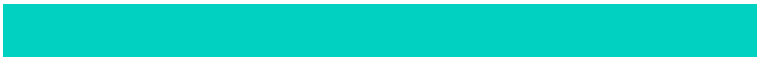
DDA3FB



FF92B1



88CA75



00D1C1



# Sweetspot

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



DDA3FB



F5E3FF



A3C2FB



7A6F80



000000



808080



# Same Dimension

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



DDA3FB



DA94FF



FBA3EE



79707D



7C00BD



28003D



# Inverse Universe

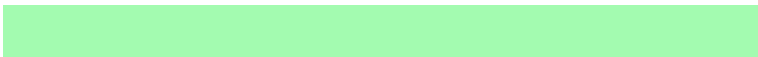
The Inverse Universe completely reimagines the original color for something new.



FBA3C1



FF94B8



A3FB00



7D7075



BD0040

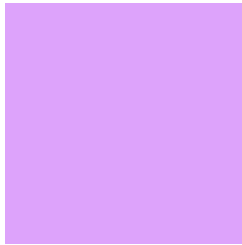


3D0015



# Previews

## White Background



This preview shows how the Hex color DDA3FB looks on a white background.

## Color Contrast Check

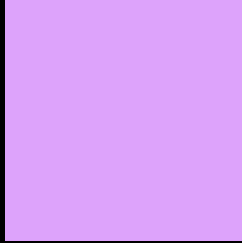
Large Text (above 18pt) WCAG AA × Fail

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 DDA3FB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

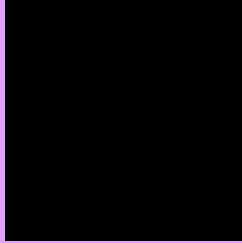
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DDA3FB Background



This preview shows how black text looks on a background with the Hex color DDA3FB.

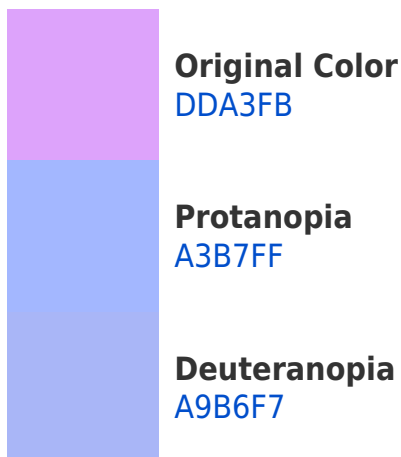



This preview shows how white text looks on a background with the Hex color DDA3FB.

# 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



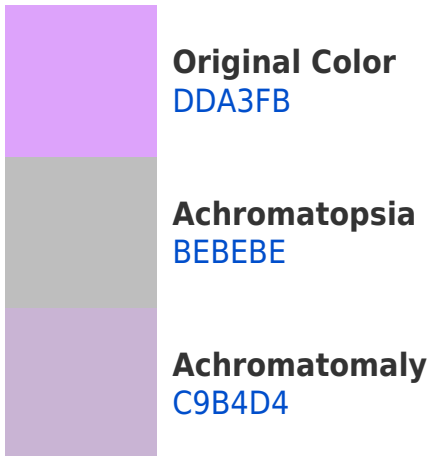


**Tritanopia**  
D4B0BD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DDA3FB 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 #DDA3FB looks like.

```
.text, #text, p{  
    color:#DDA3FB  
}
```

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 #DDA3FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDA3FB  
}
```

## Border

The CSS property to change the border of an element to Hex DDA3FB 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  
#DDA3FB }
```

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

```
.border{ border-color:#DDA3FB }
```

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

Here you see how a box with a 4 pixel #DDA3FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDA3FB; -webkit-box-shadow:4px 4px  
4px 4px #DDA3FB; box-shadow:4px 4px 4px  
4px #DDA3FB }
```

# Background

The CSS property to change the background color of an element to Hex DDA3FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDA3FB }
```

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

```
.background{ background-color:#DDA3FB }
```

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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