

# Converting Colors

Hex(D6A2FD)

Have a look what the booklet for  
Hex(D6A2FD) contains.

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# **Color**

**Hex(D6A2FD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6A2FD
RGB	214, 162, 253
RGB Percent	84%, 64%, 99%
CMY	0.1608, 0.3647, 0.0078
CMYK	0.15, 0.36, 0.00, 0.01
HSL	274°, 96%, 81%
HSV	274°, 36%, 99%
XYZ	58.3815, 47.2287, 98.9675
YIQ	187.9220, 1.7810, 39.3250

# Conversions

## Conversions Part 2

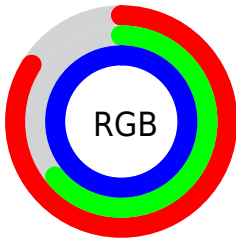
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">214, 162, 253</a>
Decimal	<a href="#">14066429</a>
CIELab	<a href="#">74.34, 35.65, -37.98</a>
CIElCh	<a href="#">74, 52.091, 313.183</a>
Yxy	<a href="#">47.2287, 0.2854, 0.2309</a>
Android (android.graphics.Color)	<a href="#">4292256509 (0xFFD6A2FD)</a>
YUV	<a href="#">187.9220, 32.0835, 22.8704</a>
Hunter-Lab	<a href="#">68.7231, 31.3735, -37.2768</a>

# Details

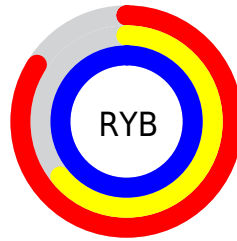
The Hex color **D6A2FD** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C9FDA2**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFD9FF**, and **9E6DC4** is the 20% darker color. If you saturate the color by 10%, you get **CB89FD**, and if you desaturate by 10%, it is **E1BBFD**.

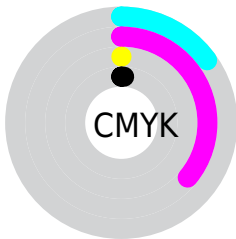
# Distribution



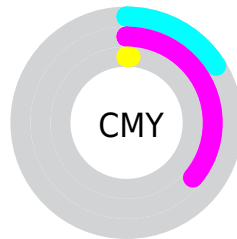
- Red (84%)
- Green (64%)
- Blue (99%)



- Red (84%)
- Yellow (64%)
- Blue (99%)



- Cyan (15%)
- Magenta (36%)
- Yellow (0%)
- Black (1%)



- Cyan (16%)
- Magenta (36%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D6A2FD 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 D6A2FD by changing the saturation by 10% instead.



 D6A2FD

 D6A2FD

FFFFFF

 BA87E0

 FFD9FF

 9E6DC4

 FFF6FF

 8354A9

 683C8E

 4F2574

 350C5B

 1D0043

 00002C

 000116

 D6A2FD

 D6A2FD

 CB89FD

 E1BBFD

 C06FFD

 ECD5FD

 B556FD

 F7EEFD

 AB3DFD

FFFFFFD

 A024FD

 950AFD

 9100FD

# Harmonies

## Analogous

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



8EB5FF



D6A2FD



FF93D4

# Triad

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



D6A2FD



EAAB5A



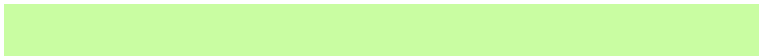
00CFCB

# Complementary

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



D6A2FD



C9FDA2

# 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.



3FCD99



D6A2FD



BFBB56

# Square

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



D6A2FD



FF9977



8AC76E



00CCF7

# Rectangle

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



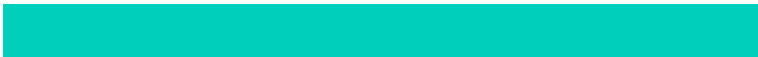
D6A2FD



FF8EB4



8AC76E



00CFBB



# Sweetspot

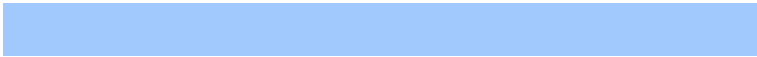
The Sweet Spot groups the original color and five complimentary colors.



D6A2FD



F3E3FF



A2C9FD



786F80



000000



808080



# Same Dimension

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



D6A2FD



D091FF



FDA2F7



7A7380



6D00BF



240040



# Inverse Universe

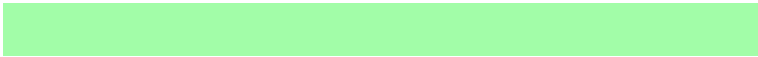
The Inverse Universe completely reimagines the original color for something new.



FDA2C9



FF91C0



A2FDA8



807378



BF0052

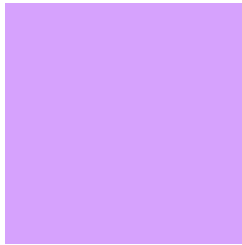


40001B



# Previews

## White Background



This preview shows how the Hex color D6A2FD looks on a white background.

## Color Contrast Check

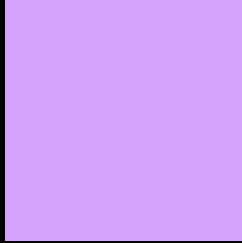
Large Text (above 18pt) WCAG AA × Fail

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 D6A2FD 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 D6A2FD Background



This preview shows how black text looks on a background with the Hex color D6A2FD.

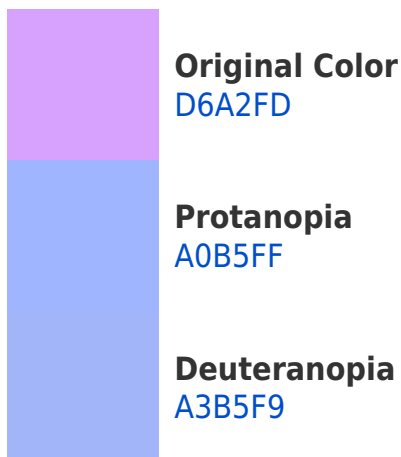


This preview shows how white text looks on a background with the Hex color D6A2FD.

# Color Blindness Simulation

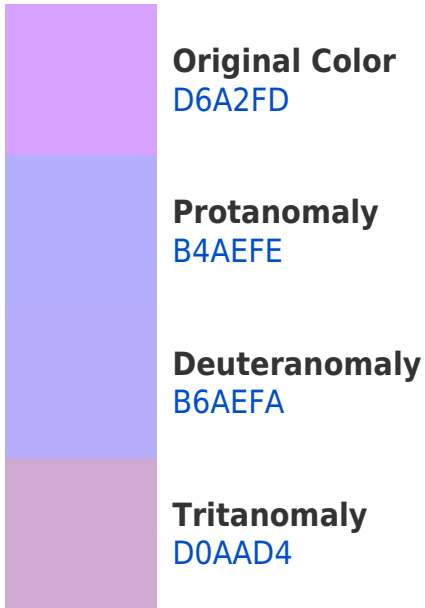
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

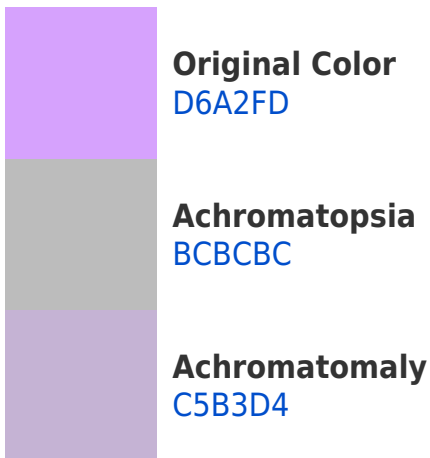




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D6A2FD 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 #D6A2FD looks like.

```
.text, #text, p{  
    color:#D6A2FD  
}
```

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 #D6A2FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6A2FD
}
```

## Border

The CSS property to change the border of an element to Hex D6A2FD 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
#D6A2FD }
```

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

```
.border{ border-color:#D6A2FD }
```

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

Here you see how a box with a 4 pixel #D6A2FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6A2FD; -webkit-box-shadow:4px 4px  
4px 4px #D6A2FD; box-shadow:4px 4px 4px  
4px #D6A2FD }
```

# Background

The CSS property to change the background color of an element to Hex D6A2FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6A2FD }
```

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

```
.background{ background-color:#D6A2FD }
```

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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