

# Converting Colors

Hex(D6A8EB)

Have a look what the booklet for  
Hex(D6A8EB) contains.

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# **Color**

**Hex(D6A8EB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D6A8EB
RGB	214, 168, 235
RGB Percent	84%, 66%, 92%
CMY	0.1608, 0.3412, 0.0784
CMYK	0.09, 0.29, 0.00, 0.08
HSL	281°, 63%, 79%
HSV	281°, 29%, 92%
XYZ	56.7296, 48.2996, 84.9300
YIQ	189.3920, 5.9090, 30.5890

# Conversions

## Conversions Part 2

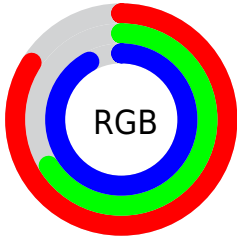
Format	Color
R <sub>Y</sub> B	214, 168, 235
Decimal	14067947
CIE Lab	75.01, 28.68, -27.18
CIE LCh	75, 39.516, 316.533
Yxy	48.2996, 0.2986, 0.2543
Android (android.graphics.Color)	4292258027 (0xFFD6A8EB)
YUV	189.3920, 22.4847, 21.5812
Hunter-Lab	69.4979, 24.0843, -23.8069

# Details

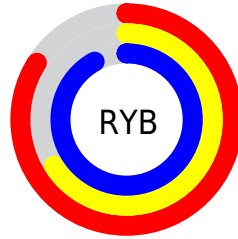
The Hex color **D6A8EB** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **BDEBA8**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFE0FF**, and **9F73B3** is the 20% darker color. If you saturate the color by 10%, you get **CF91EB**, and if you desaturate by 10%, it is **DDC0EB**.

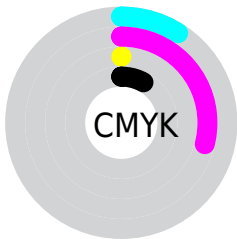
# Distribution



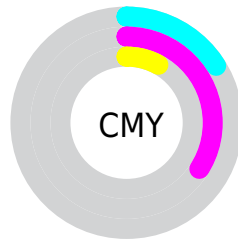
- Red (84%)
- Green (66%)
- Blue (92%)



- Red (84%)
- Yellow (66%)
- Blue (92%)



- Cyan (9%)
- Magenta (29%)
- Yellow (0%)
- Black (8%)



- Cyan (16%)
- Magenta (34%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D6A8EB 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 D6A8EB by changing the saturation by 10% instead.



 D6A8EB

 D6A8EB

FFFFFF

 BA8DCF

 FFE0FF

 9F73B3

 FFFCFF

 845A98

 6A427E

 512B65

 39154D

 220036

 000020

 000003

 D6A8EB

 D6A8EB

 CF91EB

 DDC0EB

 C779EB

 E5D7EB

 C062EB

 ECEEEB

 B94AEB

 F3FFEB

 B133EB

 FBFFEB

 AA1BEB

 FFFFEB

 A204EB

 A100EB

# Harmonies

## Analogous

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



A5B5FE



D6A8EB



F59ECB

# Triad

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



D6A8EB



DFB172



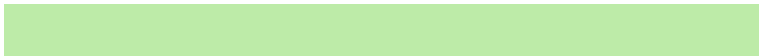
32CCCC

# Complementary

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



D6A8EB



BDEBA8

# 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.



65CBA7



D6A8EB



BDBD72

# Square

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



D6A8EB



F7A585



94C685



2AC9EC

# Rectangle

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



D6A8EB



FF9CB2



94C685



43CCC0



# Sweetspot

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



D6A8EB



F8E8FF



A8BDEB



7B7180



000000



808080



# Same Dimension

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



D6A8EB



E4A8FF



EBA8DF



726A75



7C00B5



250036



# Inverse Universe

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



EBA8BD



FFA8C3



A8EBB4



756A6D



B50039

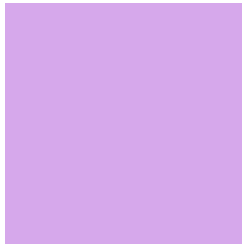


360011



# Previews

## White Background



This preview shows how the Hex color D6A8EB looks on a white background.

## Color Contrast Check

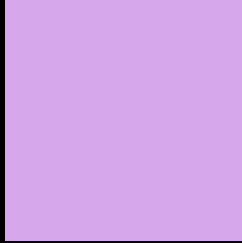
Large Text (above 18pt) WCAG AA × Fail

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 D6A8EB 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 D6A8EB Background



This preview shows how black text looks on a background with the Hex color D6A8EB.

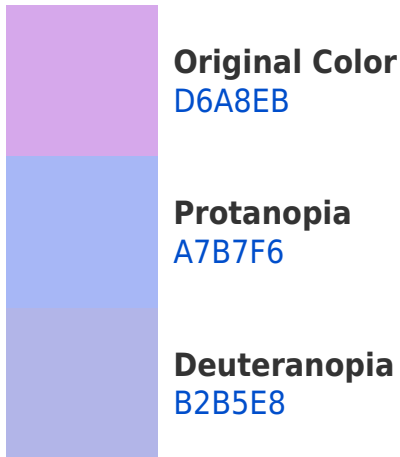


This preview shows how white text looks on a background with the Hex color D6A8EB.

# Color Blindness Simulation

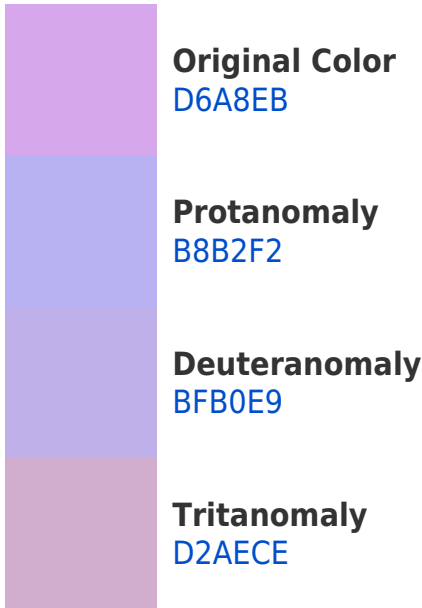
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

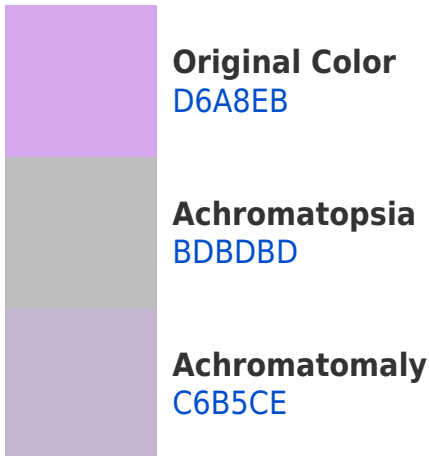




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D6A8EB 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 #D6A8EB looks like.

```
.text, #text, p{  
    color:#D6A8EB  
}
```

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 #D6A8EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6A8EB
}
```

## Border

The CSS property to change the border of an element to Hex D6A8EB is called "border". The border property can be set on classes, ids or directly on the HTML element.

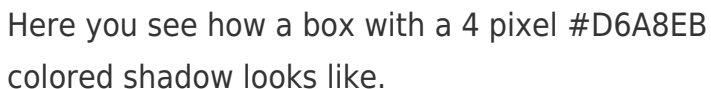
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D6A8EB }
```

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

```
.border{ border-color:#D6A8EB }
```

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



Here you see how a box with a 4 pixel `#D6A8EB` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6A8EB; -webkit-box-shadow:4px 4px  
4px 4px #D6A8EB; box-shadow:4px 4px 4px  
4px #D6A8EB }
```

# Background

The CSS property to change the background color of an element to Hex D6A8EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6A8EB }
```

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

```
.background{ background-color:#D6A8EB }
```

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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