

# Converting Colors

Hex(D4B0FC)

Have a look what the booklet for  
Hex(D4B0FC) contains.

<b>Hex(D4B0FC)</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(D4B0FC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4B0FC
RGB	212, 176, 252
RGB Percent	83%, 69%, 99%
CMY	0.1686, 0.3098, 0.0118
CMYK	0.16, 0.30, 0.00, 0.01
HSL	268°, 93%, 84%
HSV	268°, 30%, 99%
XYZ	60.2474, 52.0760, 98.9717
YIQ	195.4280, -2.9400, 31.2680

# Conversions

## Conversions Part 2

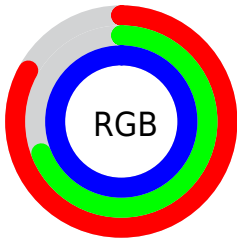
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	212, 176, 252
Decimal	13938940
CIE <sub>Lab</sub>	77.33, 27.24, -32.83
CIE <sub>LCh</sub>	77, 42.659, 309.682
Yxy	52.0760, 0.2851, 0.2465
Android (android.graphics.Color)	4292129020 (0xFFD4B0FC)
YUV	195.4280, 27.8900, 14.5336
Hunter-Lab	72.1637, 22.7381, -30.8010

# Details

The Hex color **D4B0FC** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **D8FCB0**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFE8FF**, and **9C7BC3** is the 20% darker color. If you saturate the color by 10%, you get **C797FC**, and if you desaturate by 10%, it is **E1C9FC**.

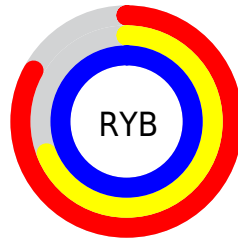
# Distribution



Red (83%)

Green (69%)

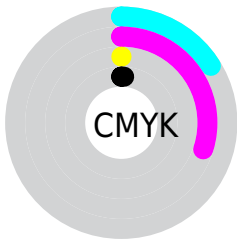
Blue (99%)



Red (83%)

Yellow (69%)

Blue (99%)

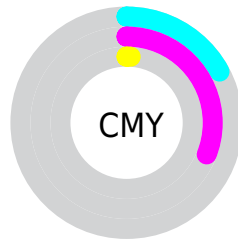


Cyan (16%)

Magenta (30%)

Yellow (0%)

Black (1%)



Cyan (17%)

Magenta (31%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D4B0FC 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 D4B0FC by changing the saturation by 10% instead.



 D4B0FC

 D4B0FC

FFFFFF

 B895DF

 FFE8FF

 9C7BC3

 8262A8

 684A8D

 4E3373

 361C5A

 1D0743

 02002C

 000116

 D4B0FC

 D4B0FC

 C797FC

 E1C9FC

 B97EFC

 EFE2FC

 AC64FC

 FCFCFC

 9F4BFC

 FFFFC

 9232FC

 8419FC

 7700FC

# Harmonies

## Analogous

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



9ABFFF



D4B0FC



FBA4DB

# Triad

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



D4B0FC



F0B375



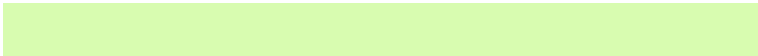
2FD4CB

# Complementary

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



D4B0FC



D8FCB0

# 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.



6FD2A2



D4B0FC



CCC170

# Square

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



D4B0FC



FFA68E



A1CB81



00D2F0

# Rectangle

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



D4B0FC



FFA0C1



A1CB81



48D4BD



# Sweetspot

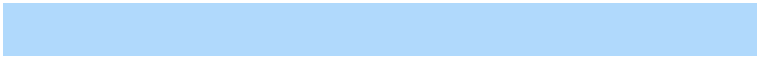
The Sweet Spot groups the original color and five complimentary colors.



D4B0FC



F3E8FF



B0D9FC



787180



000000



808080



# Same Dimension

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



D4B0FC



CFA3FF



F9B0FC



76707D



5900BD



1D003D



# Inverse Universe

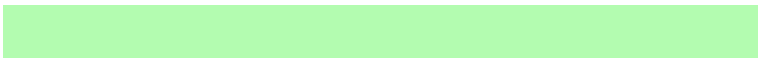
The Inverse Universe completely reimagines the original color for something new.



FCB0D8



FFA3D4



B3FCB0



7D7077



BD0063

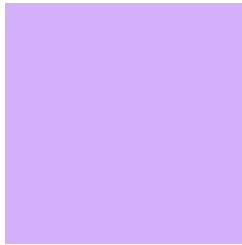


3D0020



# Previews

## White Background



This preview shows how the Hex color D4B0FC 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

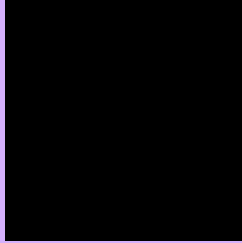
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D4B0FC Background



This preview shows how black text looks on a background with the Hex color D4B0FC.



This preview shows how white text looks on a background with the Hex color D4B0FC.

# Color Blindness Simulation

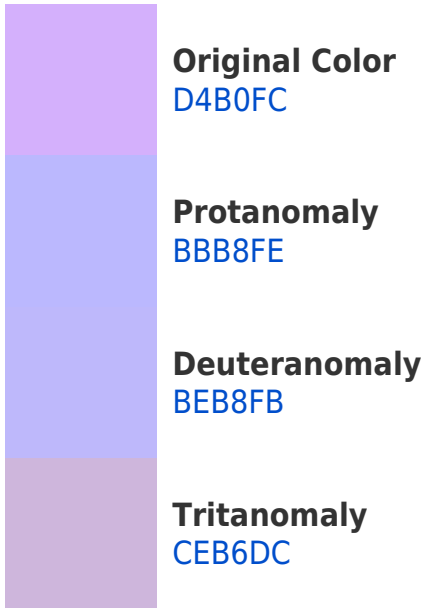
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

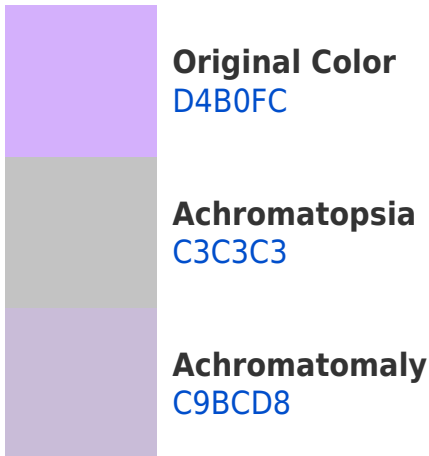




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D4B0FC 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 #D4B0FC looks like.

```
.text, #text, p{  
    color:#D4B0FC  
}
```

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 #D4B0FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4B0FC
}
```

## Border

The CSS property to change the border of an element to Hex D4B0FC 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
#D4B0FC }
```

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

```
.border{ border-color:#D4B0FC }
```

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

Here you see how a box with a 4 pixel #D4B0FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4B0FC; -webkit-box-shadow:4px 4px  
4px 4px #D4B0FC; box-shadow:4px 4px 4px  
4px #D4B0FC }
```

# Background

The CSS property to change the background color of an element to Hex D4B0FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4B0FC }
```

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

```
.background{ background-color:#D4B0FC }
```

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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