

# Converting Colors

Hex(D1BAF0)

Have a look what the booklet for  
Hex(D1BAF0) contains.

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# **Color**

**Hex(D1BAF0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D1BAF0
RGB	209, 186, 240
RGB Percent	82%, 73%, 94%
CMY	0.1804, 0.2706, 0.0588
CMYK	0.13, 0.23, 0.00, 0.06
HSL	266°, 64%, 84%
HSV	266°, 23%, 94%
XYZ	59.5816, 54.9644, 89.9070
YIQ	199.0330, -3.6260, 21.6700

# Conversions

## Conversions Part 2

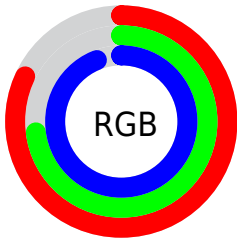
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	209, 186, 240
Decimal	13744880
CIE Lab	79.02, 18.35, -23.80
CIE LCh	79, 30.053, 307.623
Yxy	54.9644, 0.2914, 0.2688
Android (android.graphics.Color)	4291934960 (0xFFD1BAF0)
YUV	199.0330, 20.1967, 8.7411
Hunter-Lab	74.1380, 13.7115, -20.0043

# Details

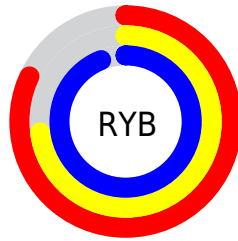
The Hex color **D1BAF0** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **D9F0BA**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFF2FF**, and **9A85B8** is the 20% darker color. If you saturate the color by 10%, you get **C3A2F0**, and if you desaturate by 10%, it is **DFD2F0**.

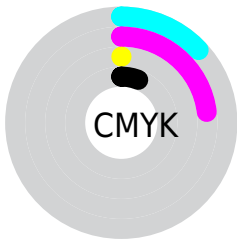
# Distribution



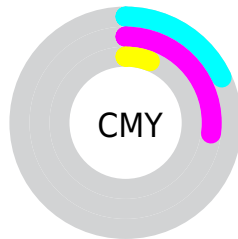
- Red (82%)
- Green (73%)
- Blue (94%)



- Red (82%)
- Yellow (73%)
- Blue (94%)



- Cyan (13%)
- Magenta (23%)
- Yellow (0%)
- Black (6%)



- Cyan (18%)
- Magenta (27%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D1BAF0 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 D1BAF0 by changing the saturation by 10% instead.



 D1BAF0

FFFFFF

 FFF2FF

 D1BAF0

 B59FD4

 9A85B8

 806B9D

 665383

 4E3C69

 362651

 1F113A

 090024

 00000C

 D1BAF0

 D1BAF0

 C3A2F0

 DFD2F0

 B58AF0

 EDEAF0

 A872F0


 FAFFFF0

 9A5AF0

 FFFFF0

 8C42F0

 7E2AF0

 7112F0

 6600F0

# Harmonies

## Analogous

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



ABC4FB



D1BAF0



EEB2DA

# Triad

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



D1BAF0



EABB91



77D3CA

# Complementary

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



D1BAF0



D9F0BA

# 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.



92D2AD



D1BAF0



D1C48C

# Square

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



D1BAF0



FAB3A3



B2CC97



6FD2E5

# Rectangle

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



D1BAF0



F9AFC7



B2CC97



7FD3C0



# Sweetspot

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



D1BAF0



F5EDFF



BAD9F0



7A7580



000000



808080



# Same Dimension

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



D1BAF0



D7BAFF



EBBAF0



716C78



4E00B8



180038



# Inverse Universe

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



F0BAD9



FFBAE2



BEF0BA



786C73



B80069



380020



# Previews

## White Background



This preview shows how the Hex color D1BAF0 looks on a white background.

## Color Contrast Check

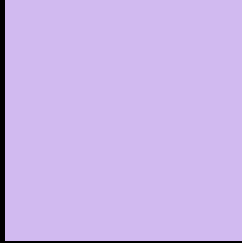
Large Text (above 18pt) WCAG AA × Fail

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 D1BAF0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

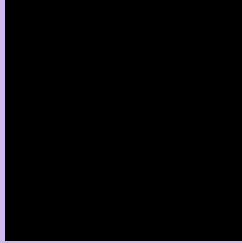
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D1BAF0 Background



This preview shows how black text looks on a background with the Hex color D1BAF0.

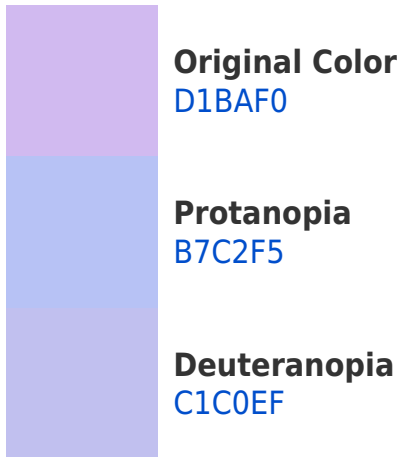


This preview shows how white text looks on a background with the Hex color D1BAF0.

# 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



**Original Color**  
D1BAF0

**Protanomaly**  
C0BFF3

**Deuteranomaly**  
C7BEEF

**Tritanomaly**  
CEBEDB

# Monochromacy



**Original Color**  
D1BAF0

**Achromatopsia**  
C7C7C7

**Achromatomaly**  
CBC2D6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D1BAF0 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 #D1BAF0 looks like.

```
.text, #text, p{  
    color:#D1BAF0  
}
```

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 #D1BAF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1BAF0
}
```

## Border

The CSS property to change the border of an element to Hex D1BAF0 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
#D1BAF0 }
```

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

```
.border{ border-color:#D1BAF0 }
```

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

Here you see how a box with a 4 pixel #D1BAF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1BAF0; -webkit-box-shadow:4px 4px  
4px 4px #D1BAF0; box-shadow:4px 4px 4px  
4px #D1BAF0 }
```

# Background

The CSS property to change the background color of an element to Hex D1BAF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1BAF0 }
```

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

```
.background{ background-color:#D1BAF0 }
```

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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