

# Converting Colors

Hex(D3C7F3)

Have a look what the booklet for  
Hex(D3C7F3) contains.

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# **Color**

**Hex(D3C7F3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3C7F3
RGB	211, 199, 243
RGB Percent	83%, 78%, 95%
CMY	0.1725, 0.2196, 0.0471
CMYK	0.13, 0.18, 0.00, 0.05
HSL	256°, 65%, 87%
HSV	256°, 18%, 95%
XYZ	63.4651, 61.1668, 93.2554
YIQ	207.6040, -6.9720, 16.2280

# Conversions

## Conversions Part 2

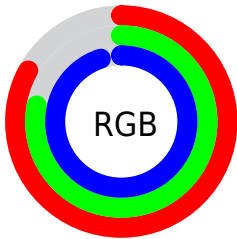
Format	Color
R <sub>YB</sub>	211, 199, 243
Decimal	13879283
CIE <sub>Lab</sub>	82.47, 12.59, -20.16
CIE <sub>LCh</sub>	82, 23.768, 301.981
Y <sub>xy</sub>	61.1668, 0.2913, 0.2807
Android (android.graphics.Color)	4292069363 (0xFFD3C7F3)
Y <sub>UV</sub>	207.6040, 17.4502, 2.9783
Hunter-Lab	78.2092, 7.9827, -15.9500

# Details

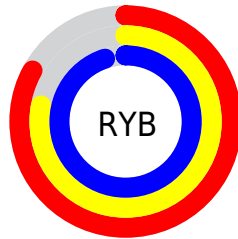
The Hex color **D3C7F3** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E7F3C7**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFFFFF**, and **9C91BB** is the 20% darker color. If you saturate the color by 10%, you get **C1AFF3**, and if you desaturate by 10%, it is **E5DFF3**.

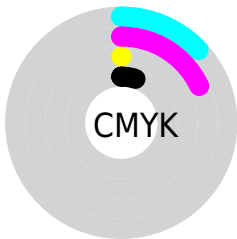
# Distribution



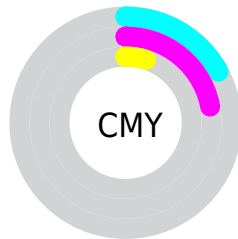
- Red (83%)
- Green (78%)
- Blue (95%)



- Red (83%)
- Yellow (78%)
- Blue (95%)



- Cyan (13%)
- Magenta (18%)
- Yellow (0%)
- Black (5%)



- Cyan (17%)
- Magenta (22%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3C7F3 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 D3C7F3 by changing the saturation by 10% instead.



 D3C7F3

FFFFFF

 D3C7F3

 B7ACD7

 9C91BB

 8277A0

 685F85

 50476C

 383154

 221C3C

 0F0127


 000110

 D3C7F3

 D3C7F3

 C1AFF3

 E5DFF3

 B096F3

 F6F8F3

 9E7EF3

 FFFFF3

 8C66F3

 7B4EF3

 6935F3

 571DF3

 4605F3

 4200F3

# Harmonies

## Analogous

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



B5CFF9



D3C7F3



ECC0E3

# Triad

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



D3C7F3



F0C5A7



97DACE

# Complementary

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



D3C7F3



E7F3C7

# 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.



ABD8B8



D3C7F3



DDCCA1

# Square

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



D3C7F3



FBBFB7



C4D3A7



8FD9E4

# Rectangle

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



D3C7F3



F6BED4



C4D3A7



9CDAC6



# Sweetspot

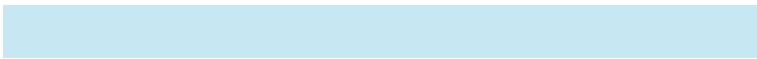
The Sweet Spot groups the original color and five complimentary colors.



D3C7F3



F6F2FF



C7E7F3



7A7880



000000



808080



# Same Dimension

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



D3C7F3



D6C7FF



E9C7F3



716E7A



3300BA



10003B



# Inverse Universe

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



F3C7E7



FFC7F0



D1F3C7



7A6E77



BA0087

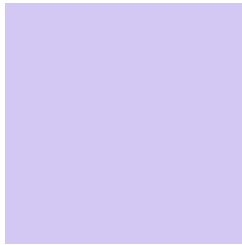


3B002B



# Previews

## White Background



This preview shows how the Hex color D3C7F3 looks on a white background.

## Color Contrast Check

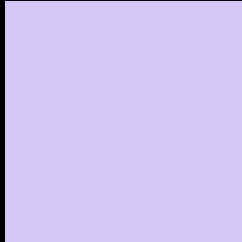
Large Text (above 18pt) WCAG AA × Fail

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 D3C7F3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

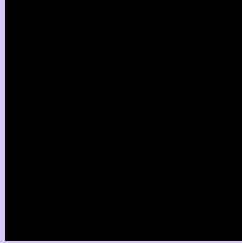
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D3C7F3 Background



This preview shows how black text looks on a background with the Hex color D3C7F3.

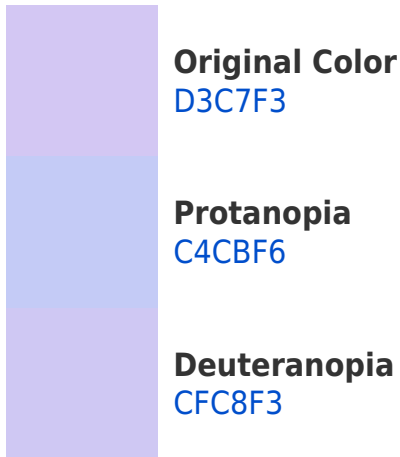


This preview shows how white text looks on a background with the Hex color D3C7F3.

# Color Blindness Simulation

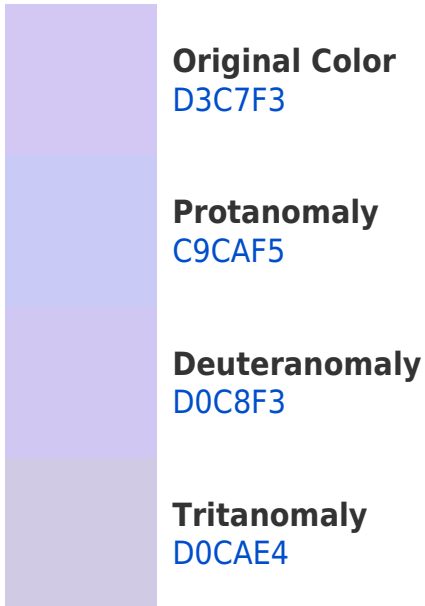
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

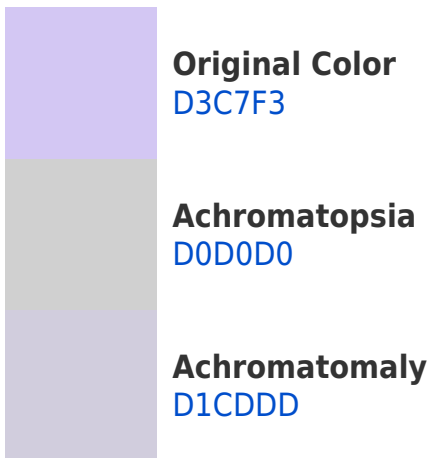




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3C7F3 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 #D3C7F3 looks like.

```
.text, #text, p{  
    color:#D3C7F3  
}
```

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 #D3C7F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3C7F3
}
```

## Border

The CSS property to change the border of an element to Hex D3C7F3 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
#D3C7F3 }
```

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

```
.border{ border-color:#D3C7F3 }
```

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

Here you see how a box with a 4 pixel #D3C7F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3C7F3; -webkit-box-shadow:4px 4px  
4px 4px #D3C7F3; box-shadow:4px 4px 4px  
4px #D3C7F3 }
```

# Background

The CSS property to change the background color of an element to Hex D3C7F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3C7F3 }
```

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

```
.background{ background-color:#D3C7F3 }
```

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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