

# Converting Colors

Hex(D5C2FE)

Have a look what the booklet for  
Hex(D5C2FE) contains.

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# **Color**

**Hex(D5C2FE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5C2FE
RGB	213, 194, 254
RGB Percent	84%, 76%, 100%
CMY	0.1647, 0.2392, 0.0039
CMYK	0.16, 0.24, 0.00, 0.00
HSL	259°, 97%, 88%
HSV	259°, 24%, 100%
XYZ	64.6218, 59.8855, 101.9190
YIQ	206.5210, -7.9360, 22.6880

# Conversions

## Conversions Part 2

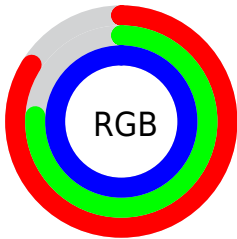
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">213, 194, 254</a>
Decimal	<a href="#">14009086</a>
CIELab	<a href="#">81.78, 18.21, -27.06</a>
CIELCh	<a href="#">82, 32.620, 303.939</a>
Yxy	<a href="#">59.8855, 0.2854, 0.2645</a>
Android (android.graphics.Color)	<a href="#">4292199166 (0xFFD5C2FE)</a>
YUV	<a href="#">206.5210, 23.4071, 5.6821</a>
Hunter-Lab	<a href="#">77.3857, 13.6334, -23.9165</a>

# Details

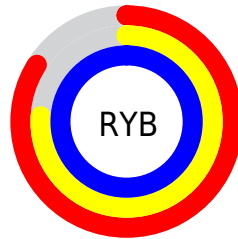
The Hex color **D5C2FE** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EBFEC2**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFFBFF**, and **9E8CC5** is the 20% darker color. If you saturate the color by 10%, you get **C4A9FE**, and if you desaturate by 10%, it is **E6DBFE**.

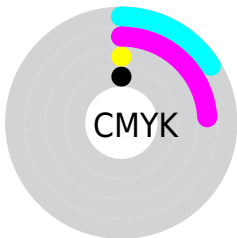
# Distribution



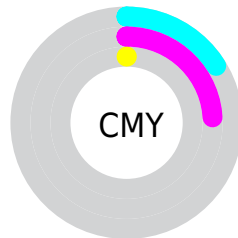
- Red (84%)
- Green (76%)
- Blue (100%)



- Red (84%)
- Yellow (76%)
- Blue (100%)



- Cyan (16%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (24%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D5C2FE 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 D5C2FE by changing the saturation by 10% instead.



 D5C2FE

FFFFFF

 FFFBFF

 D5C2FE

 B9A7E1

 9E8CC5

 8373AA

 695A8F

 504375

 382C5C

 211745

 0E002E

 000119

 D5C2FE

 D5C2FE

 C4A9FE

 E6DBFE

 B28FFE

 F8F5FE

 A176FE

 FFFFFE

 905CFE

 7E43FE

 6D2AFE

 5C10FE

 5000FE

# Harmonies

## Analogous

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



AACDFF



D5C2FE



F6B9E7

# Triad

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



D5C2FE



F8C095



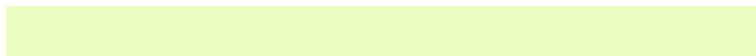
79DCCE

# Complementary

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



D5C2FE



EBFEC2

# 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.



99DAAF



D5C2FE



DDCB8E

# Square

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



D5C2FE



FFB8AB



BCD498



6CDBEC

# Rectangle

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



D5C2FE



FFB5D3



BCD498



82DCC4



# Sweetspot

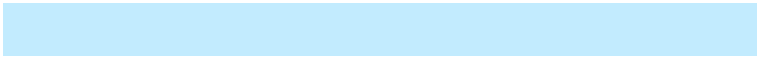
The Sweet Spot groups the original color and five complimentary colors.



D5C2FE



F3EDFF



C2EBFE



797580



000000



808080



# Same Dimension

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



D5C2FE



CEB8FF



F3C2FE



777380



3D00BF



140040



# Inverse Universe

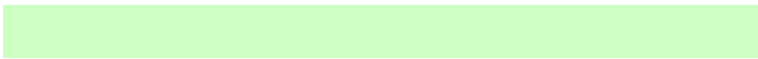
The Inverse Universe completely reimagines the original color for something new.



FEC2EB



FFB8E8



CDFEC2



80737B



BF0083

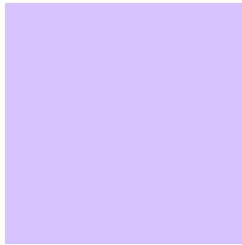


40002C



# Previews

## White Background



This preview shows how the Hex color D5C2FE looks on a white background.

## Color Contrast Check

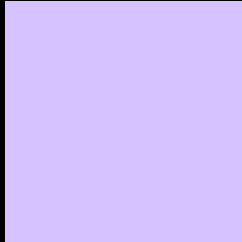
Large Text (above 18pt) WCAG AA × Fail

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 D5C2FE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

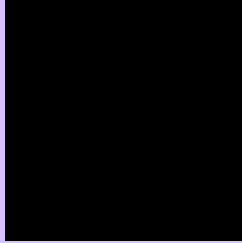
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D5C2FE Background



This preview shows how black text looks on a background with the Hex color D5C2FE.

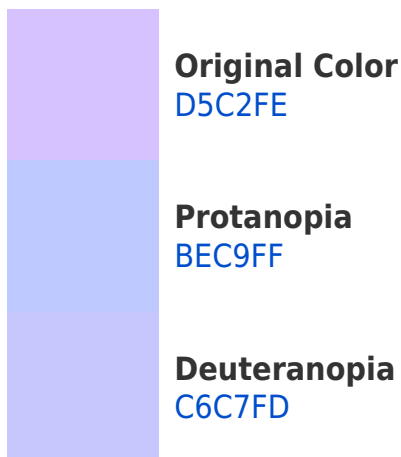


This preview shows how white text looks on a background with the Hex color D5C2FE.

# 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**  
D5C2FE

**Protanomaly**  
C6C6FF

**Deuteranomaly**  
CBC5FD

**Tritanomaly**  
D1C6E6

# Monochromacy



**Original Color**  
D5C2FE

**Achromatopsia**  
CFCFCF

**Achromatomaly**  
D1CAE0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D5C2FE 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 #D5C2FE looks like.

```
.text, #text, p{  
    color:#D5C2FE  
}
```

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 #D5C2FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5C2FE
}
```

## Border

The CSS property to change the border of an element to Hex D5C2FE 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
#D5C2FE }
```

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

```
.border{ border-color:#D5C2FE }
```

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

Here you see how a box with a 4 pixel #D5C2FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5C2FE; -webkit-box-shadow:4px 4px  
4px 4px #D5C2FE; box-shadow:4px 4px 4px  
4px #D5C2FE }
```

# Background

The CSS property to change the background color of an element to Hex D5C2FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5C2FE }
```

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

```
.background{ background-color:#D5C2FE }
```

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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