

# Converting Colors

Hex(D2C3FE)

Have a look what the booklet for  
Hex(D2C3FE) contains.

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# **Color**

**Hex(D2C3FE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2C3FE
RGB	210, 195, 254
RGB Percent	82%, 76%, 100%
CMY	0.1765, 0.2353, 0.0039
CMYK	0.17, 0.23, 0.00, 0.00
HSL	255°, 97%, 88%
HSV	255°, 23%, 100%
XYZ	63.9828, 59.8876, 101.9531
YIQ	206.2110, -9.9990, 21.5290

# Conversions

## Conversions Part 2

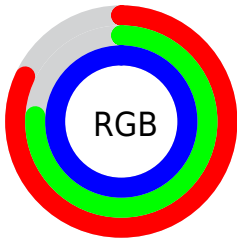
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	210, 195, 254
Decimal	13812734
CIE Lab	81.78, 16.75, -27.08
CIE LCh	82, 31.845, 301.741
Yxy	59.8876, 0.2833, 0.2652
Android (android.graphics.Color)	4292002814 (0xFFD2C3FE)
YUV	206.2110, 23.5600, 3.3230
Hunter-Lab	77.3871, 12.1546, -23.9403

# Details

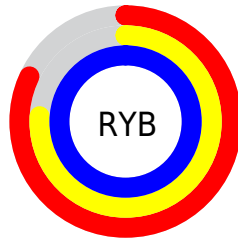
The Hex color **D2C3FE** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EFFEC3**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFFCFF**, and **9B8DC5** is the 20% darker color. If you saturate the color by 10%, you get **BFAAFE**, and if you desaturate by 10%, it is **E5DCFE**.

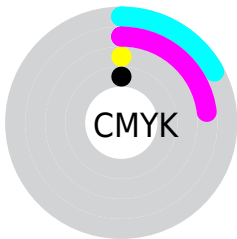
# Distribution



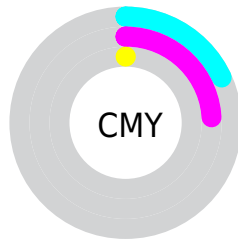
- Red (82%)
- Green (76%)
- Blue (100%)



- Red (82%)
- Yellow (76%)
- Blue (100%)



- Cyan (17%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (24%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D2C3FE 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 D2C3FE by changing the saturation by 10% instead.



 D2C3FE

FFFFFF

 FFFCFF

 D2C3FE

 B6A8E1


 9B8DC5

 8074AA

 675B8F

 4E4475

 362D5C

 1E1845

 0B002E

 000119

 D2C3FE

 D2C3FE

 BFAAFE

 E5DCFE

 AC90FE

 F8F6FE

 9977FE

FFFFFFE

 865DFE

 7344FE

 602BFE

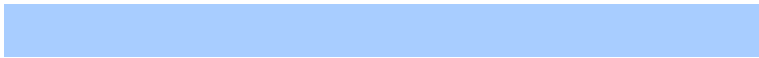
 4D11FE

 4100FE

# Harmonies

## Analogous

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



A8CFFF



D2C3FE



F3BAE8

# Triad

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



D2C3FE



F8C098



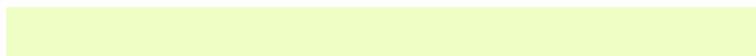
7DDCCC

# Complementary

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



D2C3FE



EFFEC3

# 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.



9CD9AE



D2C3FE



DFCA90

# Square

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



D2C3FE



FFB8AD



BFD398



6FDBEA

# Rectangle

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



D2C3FE



FFB6D5



BFD398



87DBC2



# Sweetspot

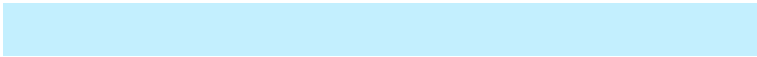
The Sweet Spot groups the original color and five complimentary colors.



D2C3FE



F2EDFF



C3EFFE



787580



000000



808080



# Same Dimension

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



D2C3FE



CAB8FF



EFC3FE



767380



3100BF



100040



# Inverse Universe

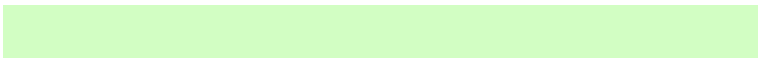
The Inverse Universe completely reimagines the original color for something new.



FEC3EF



FFB8ED



D2FEC3



80737C



BF008F

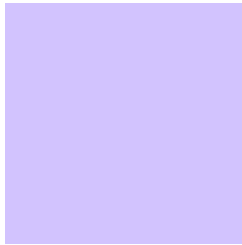


400030



# Previews

## White Background



This preview shows how the Hex color D2C3FE looks on a white background.

## Color Contrast Check

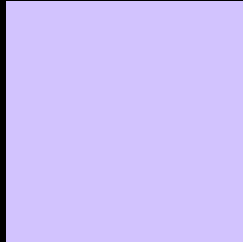
Large Text (above 18pt) WCAG AA × Fail

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 D2C3FE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

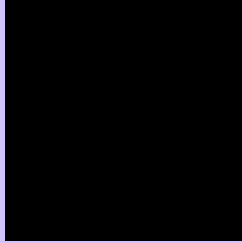
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D2C3FE Background



This preview shows how black text looks on a background with the Hex color D2C3FE.

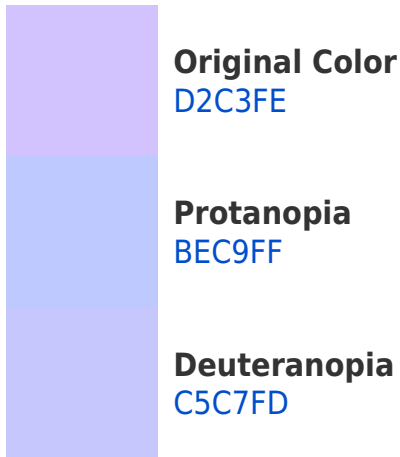


This preview shows how white text looks on a background with the Hex color D2C3FE.

# Color Blindness Simulation

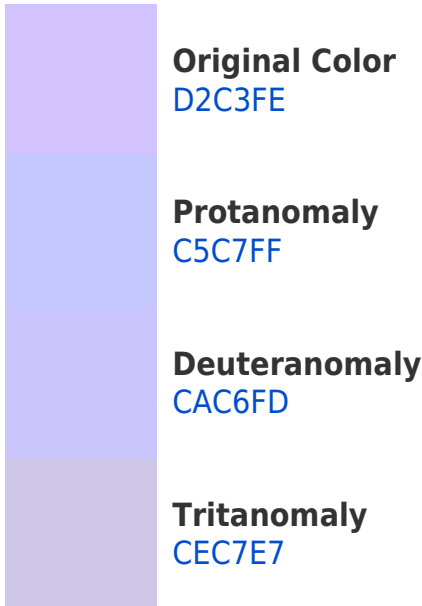
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

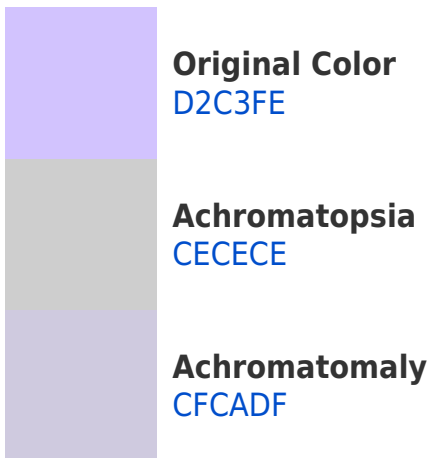




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D2C3FE 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 #D2C3FE looks like.

```
.text, #text, p{  
    color:#D2C3FE  
}
```

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 #D2C3FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2C3FE
}
```

## Border

The CSS property to change the border of an element to Hex D2C3FE 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
#D2C3FE }
```

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

```
.border{ border-color:#D2C3FE }
```

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

Here you see how a box with a 4 pixel #D2C3FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2C3FE; -webkit-box-shadow:4px 4px  
4px 4px #D2C3FE; box-shadow:4px 4px 4px  
4px #D2C3FE }
```

# Background

The CSS property to change the background color of an element to Hex D2C3FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2C3FE }
```

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

```
.background{ background-color:#D2C3FE }
```

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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