

Converting Colors

Hex(D5D3F9)

Have a look what the booklet for
Hex(D5D3F9) contains.

Hex(D5D3F9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D5D3F9)

Conversions

Conversions Part 1

Format	Color
Hex	D5D3F9
RGB	213, 211, 249
RGB Percent	84%, 83%, 98%
CMY	0.1647, 0.1725, 0.0235
CMYK	0.14, 0.15, 0.00, 0.02
HSL	243°, 76%, 90%
HSV	243°, 15%, 98%
XYZ	67.8337, 67.5742, 99.0904
YIQ	215.9300, -11.0060, 12.2420

Conversions

Conversions Part 2

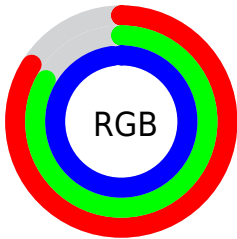
Format	Color
RYB	213, 211, 249
Decimal	14013433
CIELab	85.79, 8.06, -18.31
CIELCh	86, 20.006, 293.768
Yxy	67.5742, 0.2893, 0.2882
Android (android.graphics.Color)	4292203513 (0xFFD5D3F9)
YUV	215.9300, 16.3035, -2.5696
Hunter-Lab	82.2035, 3.4406, -13.9273

Details

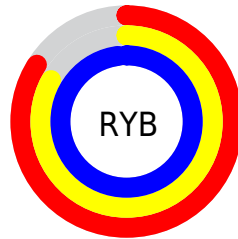
The Hex color **D5D3F9** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F7F9D3**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFFF**, and **9E9DC1** is the 20% darker color. If you saturate the color by 10%, you get **BDBAF9**, and if you desaturate by 10%, it is **EDECF9**.

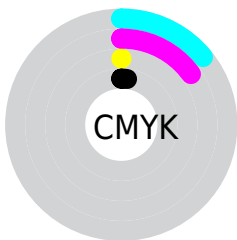
Distribution



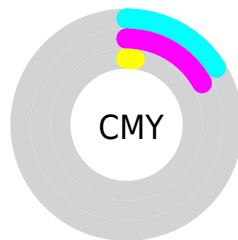
- Red (84%)
- Green (83%)
- Blue (98%)



- Red (84%)
- Yellow (83%)
- Blue (98%)



- Cyan (14%)
- Magenta (15%)
- Yellow (0%)
- Black (2%)



- Cyan (16%)
- Magenta (17%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color D5D3F9 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 D5D3F9 by changing the saturation by 10% instead.

 D5D3F9

FFFFFF

 D5D3F9

 B9B7DC

 9E9DC1

 8482A5

 6A698B

 525171

 3A3A59

 232541

 0E102B

 000116

 D5D3F9

 D5D3F9

 BDBAF9

 EDECF9

 A6A1F9

 FFFFF9

 8E88F9

 776FF9

 5F56F9

 473EF9

 3025F9

 180CF9

 0D00F9

Harmonies

Analogous

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



BCD9FC



D5D3F9



EBCDED

Triad

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



D5D3F9



F8CEB9



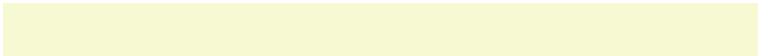
ADE1D2

Complementary

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



D5D3F9



F7F9D3

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.



BFDFC0



D5D3F9



E9D4B1

Square

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



D5D3F9



FFCAC8



D5DAB4



A4E1E5

Rectangle

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



D5D3F9



F6CAE2



D5DAB4



B3E1CB

Sweetspot

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



D5D3F9



F3F2FF



D3F7F9



787880



000000



808080

Same Dimension

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



D5D3F9



D4D1FF



E8D3F9



71707D



0A00BD



03003D

Inverse Universe

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



F9D3F7



FFD1FD



E4F9D3



7D707C



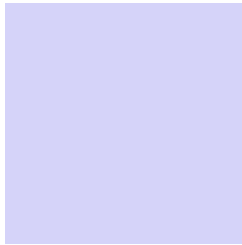
BD00B3



3D003A

Previews

White Background



This preview shows how the Hex color D5D3F9 looks on a white background.

Color Contrast Check

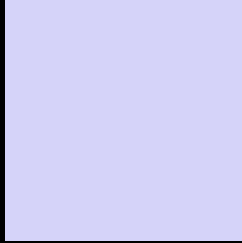
Large Text (above 18pt) WCAG AA × Fail

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 D5D3F9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

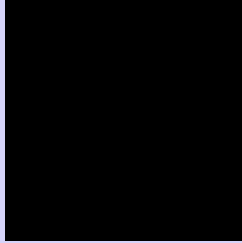
Any Text WCAG AA ✓ Pass

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 D5D3F9 Background



This preview shows how black text looks on a background with the Hex color D5D3F9.



This preview shows how white text looks on a background with the Hex color D5D3F9.

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



Original Color
D5D3F9

Protanopia
CFD5FA

Deuteranopia
DAD1F9



Tritanopia
D2D6E7

Trichromacy



Original Color
D5D3F9

Protanomaly
D1D4FA

Deuteranomaly
D8D2F9

Tritanomaly
D3D5EE

Monochromacy



Original Color
D5D3F9

Achromatopsia
D8D8D8

Achromatomaly
D7D6E4

CSS Examples

Text

The CSS property to change the color of the text to Hex D5D3F9 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 #D5D3F9 looks like.

```
.text, #text, p{  
    color:#D5D3F9  
}
```

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 #D5D3F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5D3F9
}
```

Border

The CSS property to change the border of an element to Hex D5D3F9 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
#D5D3F9 }
```

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

```
.border{ border-color:#D5D3F9 }
```

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

Here you see how a box with a 4 pixel #D5D3F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5D3F9; -webkit-box-shadow:4px 4px  
4px 4px #D5D3F9; box-shadow:4px 4px 4px  
4px #D5D3F9 }
```

Background

The CSS property to change the background color of an element to Hex D5D3F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5D3F9 }
```

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

```
.background{ background-color:#D5D3F9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor