

Converting Colors

Hex(D2C2FF)

Have a look what the booklet for
Hex(D2C2FF) contains.

Hex(D2C2FF)	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(D2C2FF)

Conversions

Conversions Part 1

Format	Color
Hex	D2C2FF
RGB	210, 194, 255
RGB Percent	82%, 76%, 100%
CMY	0.1765, 0.2392, 0.0000
CMYK	0.18, 0.24, 0.00, 0.00
HSL	256°, 100%, 88%
HSV	256°, 24%, 100%
XYZ	63.9201, 59.5052, 102.7244
YIQ	205.7380, -10.0450, 22.3630

Conversions

Conversions Part 2

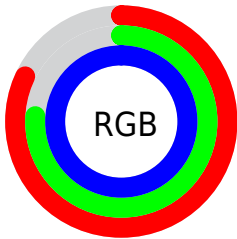
Format	Color
R_{YB}	210, 194, 255
Decimal	13812479
CIE _{Lab}	81.57, 17.51, -27.93
CIE _{LCh}	82, 32.968, 302.079
Yxy	59.5052, 0.2826, 0.2631
Android (android.graphics.Color)	4292002559 (0xFFD2C2FF)
YUV	205.7380, 24.2862, 3.7378
Hunter-Lab	77.1396, 12.9159, -24.9569

Details

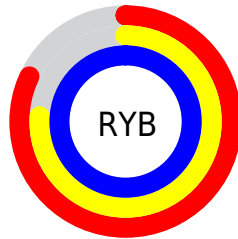
The Hex color **D2C2FF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EFFC2**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFBFF**, and **9B8CC6** is the 20% darker color. If you saturate the color by 10%, you get **BFA9FF**, and if you desaturate by 10%, it is **E5DBFF**.

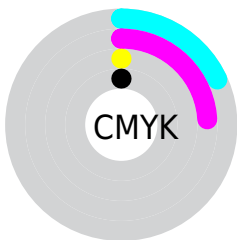
Distribution



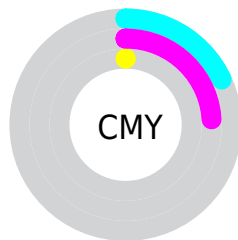
- Red (82%)
- Green (76%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color D2C2FF 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 D2C2FF by changing the saturation by 10% instead.

 D2C2FF

FFFFFF

 FFFBFF

 D2C2FF

 B6A7E2


 9B8CC6

 8073AB

 675A90

 4E4376

 352C5D

 1E1845

 0A002F

 000119

 D2C2FF

 D2C2FF

 BFA9FF

 E5DBFF

 AC8FFF

 F8F5FF

 9A76FF

 FFFFFFFF

 875CFF

 7442FF

 6129FF

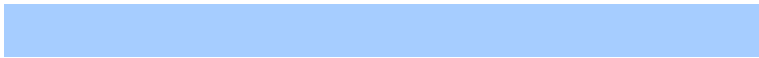
 4E10FF

 4300FF

Harmonies

Analogous

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



A6CFFF



D2C2FF



F4B8E8

Triad

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



D2C2FF



F9BF95



79DCCC

Complementary

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



D2C2FF



EFFFC2

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.



9AD9AD



D2C2FF



DFC98D

Square

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



D2C2FF



FFB7AB



BDD396



69DBEA

Rectangle

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



D2C2FF



FFB5D4



BDD396



83DBC1

Sweetspot

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



D2C2FF



F2EDFF



C2F0FF



787580



000000



808080

Same Dimension

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



D2C2FF



C8B5FF



F0C2FF



767380



3200BF



110040

Inverse Universe

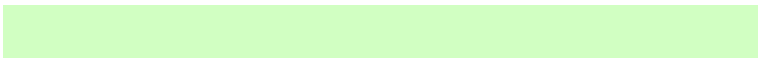
The Inverse Universe completely reimagines the original color for something new.



FFC2EF



FFB5EC



D1FFC2



80737C



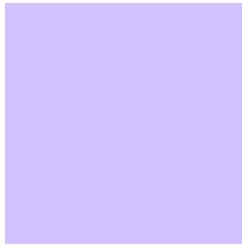
BF008D



40002F

Previews

White Background



This preview shows how the Hex color D2C2FF looks on a white background.

Color Contrast Check

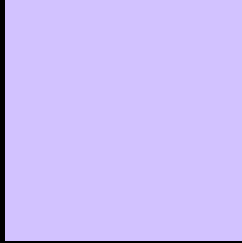
Large Text (above 18pt) WCAG AA × Fail

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 D2C2FF 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 D2C2FF Background



This preview shows how black text looks on a background with the Hex color D2C2FF.

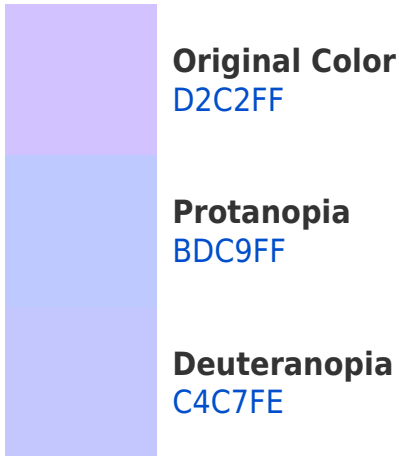


This preview shows how white text looks on a background with the Hex color D2C2FF.

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](#).

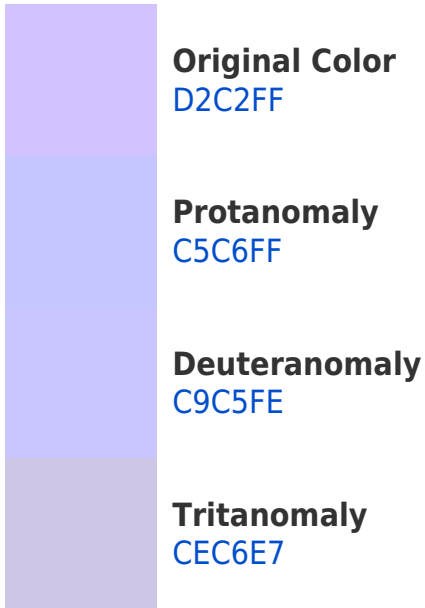
Dichromacy



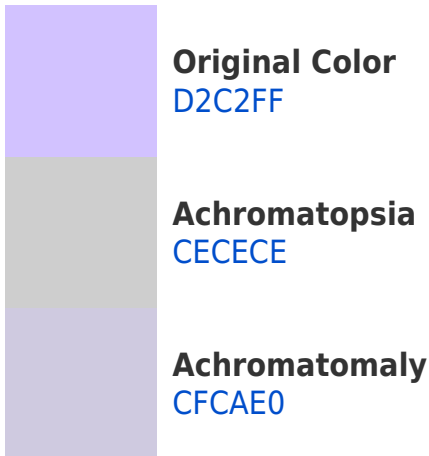


Tritanopia
CBC9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D2C2FF 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 #D2C2FF looks like.

```
.text, #text, p{  
    color:#D2C2FF  
}
```

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 #D2C2FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2C2FF }  
}
```

Border

The CSS property to change the border of an element to Hex D2C2FF 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 #D2C2FF }  
}
```

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

```
.border{ border-color:#D2C2FF }
```

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

Here you see how a box with a 4 pixel #D2C2FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2C2FF; -webkit-box-shadow:4px 4px  
4px 4px #D2C2FF; box-shadow:4px 4px 4px  
4px #D2C2FF }
```

Background

The CSS property to change the background color of an element to Hex D2C2FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2C2FF }
```

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

```
.background{ background-color:#D2C2FF }
```

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