

Converting Colors

Hex(D3CDF8)

Have a look what the booklet for
Hex(D3CDF8) contains.

Hex(D3CDF8)	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(D3CDF8)

Conversions

Conversions Part 1

Format	Color
Hex	D3CDF8
RGB	211, 205, 248
RGB Percent	83%, 80%, 97%
CMY	0.1725, 0.1961, 0.0275
CMYK	0.15, 0.17, 0.00, 0.03
HSL	248°, 75%, 89%
HSV	248°, 17%, 97%
XYZ	65.6386, 64.2888, 97.7564
YIQ	211.6960, -10.2270, 14.6450

Conversions

Conversions Part 2

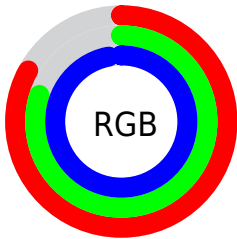
Format	Color
R _{YB}	211, 205, 248
Decimal	13880824
CIE _{Lab}	84.12, 10.42, -20.33
CIE _{LCh}	84, 22.842, 297.139
Yxy	64.2888, 0.2883, 0.2824
Android (android.graphics.Color)	4292070904 (0xFFD3CDF8)
YUV	211.6960, 17.8979, -0.6104
Hunter-Lab	80.1803, 5.8111, -16.1606

Details

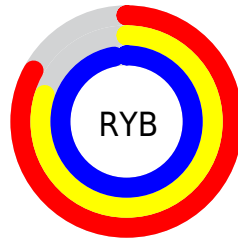
The Hex color **D3CDF8** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F2F8CD**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FFFFFF**, and **9C97C0** is the 20% darker color. If you saturate the color by 10%, you get **BEB4F8**, and if you desaturate by 10%, it is **E8E6F8**.

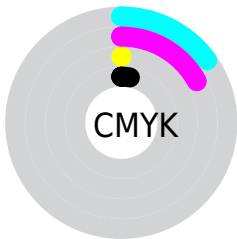
Distribution



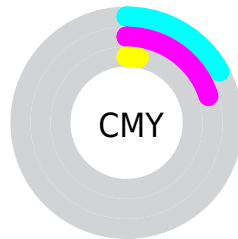
- Red (83%)
- Green (80%)
- Blue (97%)



- Red (83%)
- Yellow (80%)
- Blue (97%)



- Cyan (15%)
- Magenta (17%)
- Yellow (0%)
- Black (3%)



- Cyan (17%)
- Magenta (20%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color D3CDF8 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 D3CDF8 by changing the saturation by 10% instead.

 D3CDF8

 D3CDF8

FFFFFF

 B7B2DB

 9C97C0

 827DA4

 68648A

 504C70

 383558

 212040

 0D092A

 000115

 D3CDF8

 D3CDF8

 BEB4F8

 E8E6F8

 A89BF8

 FFFFFFF8

 9383F8

 FFFFFF8

 7E6AF8

 6851F8

 5338F8

 3E1FF8

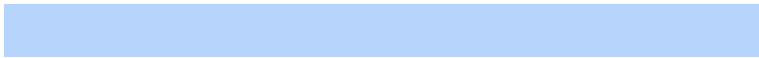
 2807F8

 2300F8

Harmonies

Analogous

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



B6D4FC



D3CDF8



ECC6E9

Triad

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



D3CDF8



F6C9AE



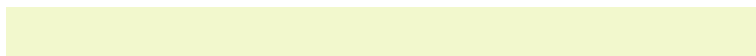
A0DECF

Complementary

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



D3CDF8



F2F8CD

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.



B5DCBA



D3CDF8



E4D0A7

Square

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



D3CDF8



FFC4BF



CDD6AB



97DEE5

Rectangle

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



D3CDF8



F7C4DC



CDD6AB



A6DEC7

Sweetspot

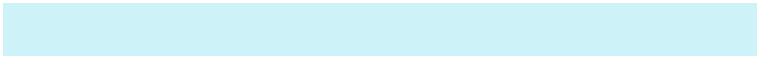
The Sweet Spot groups the original color and five complimentary colors.



D3CDF8



F4F2FF



CDF2F8



797880



000000



808080

Same Dimension

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



D3CDF8



D1C9FF



E8CDF8



72707D



1A00BD



09003D

Inverse Universe

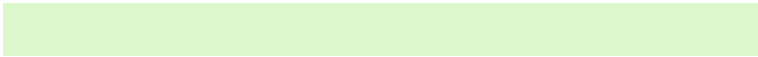
The Inverse Universe completely reimagines the original color for something new.



F8CDF2



FFC9F8



DDF8CD



7D707B



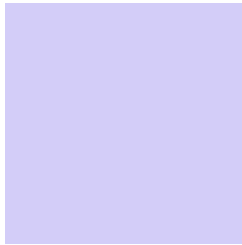
BD00A2



3D0035

Previews

White Background



This preview shows how the Hex color D3CDF8 looks on a white background.

Color Contrast Check

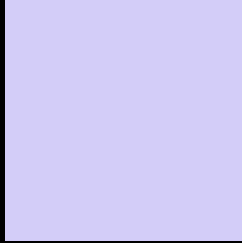
Large Text (above 18pt) WCAG AA × Fail

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 D3CDF8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

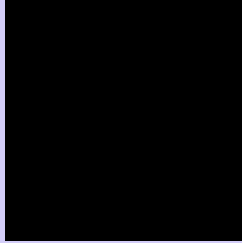
Any Text WCAG AA ✓ Pass

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 D3CDF8 Background



This preview shows how black text looks on a background with the Hex color D3CDF8.

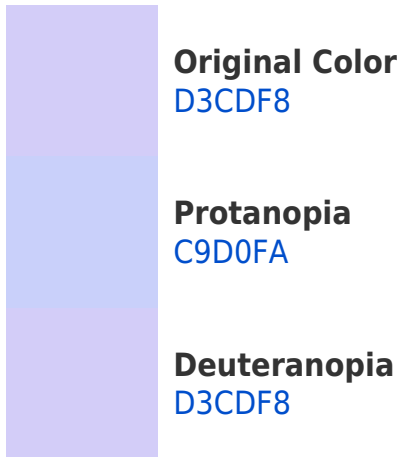


This preview shows how white text looks on a background with the Hex color D3CDF8.

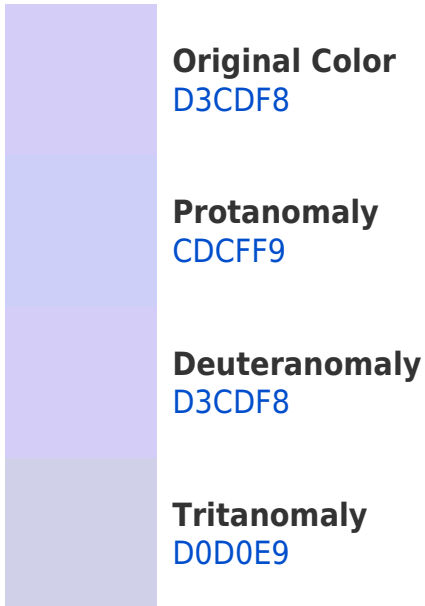
Color Blindness Simulation

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](#).

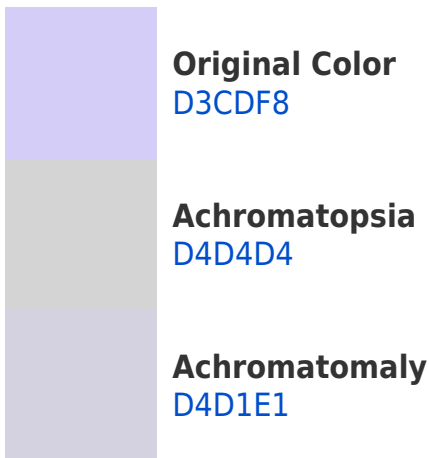
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D3CDF8 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 #D3CDF8 looks like.

```
.text, #text, p{  
    color:#D3CDF8  
}
```

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 #D3CDF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3CDF8 }  
}
```

Border

The CSS property to change the border of an element to Hex D3CDF8 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 #D3CDF8 }  
}
```

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

```
.border{ border-color:#D3CDF8 }
```

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

Here you see how a box with a 4 pixel #D3CDF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3CDF8; -webkit-box-shadow:4px 4px  
4px 4px #D3CDF8; box-shadow:4px 4px 4px  
4px #D3CDF8 }
```

Background

The CSS property to change the background color of an element to Hex D3CDF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3CDF8 }
```

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

```
.background{ background-color:#D3CDF8 }
```

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