

Converting Colors

Hex(DCD0FA)

Have a look what the booklet for
Hex(DCD0FA) contains.

Hex(DCD0FA)	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(DCD0FA)

Conversions

Conversions Part 1

Format	Color
Hex	DCD0FA
RGB	220, 208, 250
RGB Percent	86%, 82%, 98%
CMY	0.1373, 0.1843, 0.0196
CMYK	0.12, 0.17, 0.00, 0.02
HSL	257°, 81%, 90%
HSV	257°, 17%, 98%
XYZ	69.3264, 67.2295, 99.7652
YIQ	216.3760, -6.3300, 15.6060

Conversions

Conversions Part 2

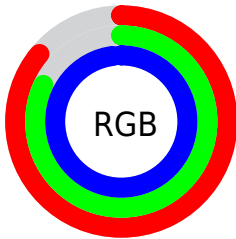
Format	Color
R _Y B	220, 208, 250
Decimal	14471418
CIE Lab	85.62, 12.06, -19.05
CIE LCh	86, 22.547, 302.349
Yxy	67.2295, 0.2934, 0.2845
Android (android.graphics.Color)	4292661498 (0xFFDCD0FA)
YUV	216.3760, 16.5766, 3.1782
Hunter-Lab	81.9936, 7.4347, -14.7452

Details

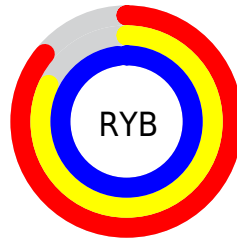
The Hex color **DCD0FA** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EEFAD0**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFFF**, and **A59AC1** is the 20% darker color. If you saturate the color by 10%, you get **CAB7FA**, and if you desaturate by 10%, it is **EEE9FA**.

Distribution



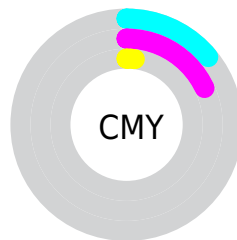
- Red (86%)
- Green (82%)
- Blue (98%)



- Red (86%)
- Yellow (82%)
- Blue (98%)



- Cyan (12%)
- Magenta (17%)
- Yellow (0%)
- Black (2%)



- Cyan (14%)
- Magenta (18%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCD0FA 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 DCD0FA by changing the saturation by 10% instead.

 DCD0FA

FFFFFF

 DCD0FA

 C0B4DD

 A59AC1

 8A80A6

 71678C

 584F72

 40385A

 292242

 140D2C

 000117

 DCD0FA

 DCD0FA

 CAB7FA

 EEE9FA


 B89EFA

 FFFFFA

 A685FA

 956CFA

 8353FA

 713AFA

 5F21FA

 4D08FA

 4700FA

Harmonies

Analogous

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



C0D7FF



DCD0FA



F3CAEA

Triad

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



DCD0FA



F8CEB1



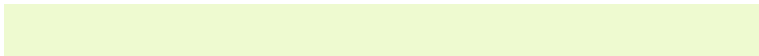
A2E2D7

Complementary

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



DCD0FA



EEFAD0

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.



B5E0C2



DCD0FA



E5D5AC

Square

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



DCD0FA



FFC9C0



CDDCB2



9CE1EC

Rectangle

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



DCD0FA



FDC7DC



CDDCB2



A8E2D0

Sweetspot

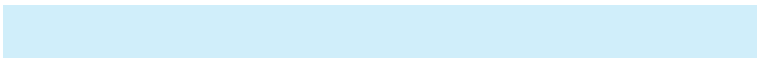
The Sweet Spot groups the original color and five complimentary colors.



DCD0FA



F6F2FF



D0EEFA



7A7880



000000



808080

Same Dimension

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



DCD0FA



DBCCFF



F1D0FA



74707D



3600BD



11003D

Inverse Universe

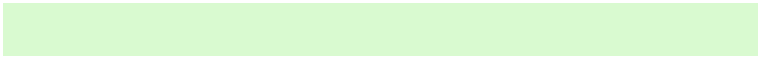
The Inverse Universe completely reimagines the original color for something new.



FAD0EE



FFCCF0



D9FAD0



7D7079



BD0087



3D002C

Previews

White Background



This preview shows how the Hex color DCD0FA looks on a white background.

Color Contrast Check

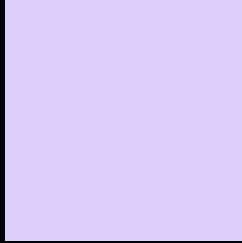
Large Text (above 18pt) WCAG AA × Fail

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 DCD0FA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

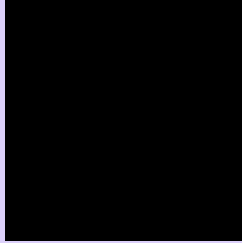
Any Text WCAG AA ✓ Pass

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 DCD0FA Background



This preview shows how black text looks on a background with the Hex color DCD0FA.

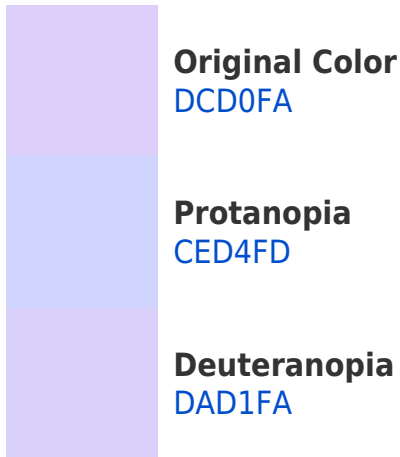


This preview shows how white text looks on a background with the Hex color DCD0FA.

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](#).

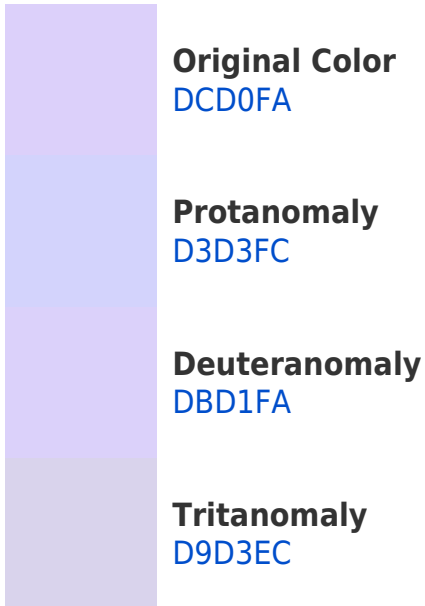
Dichromacy



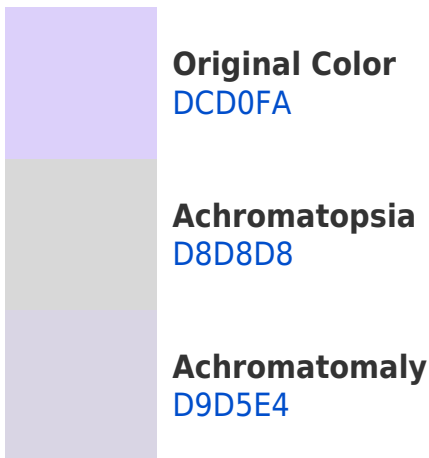


Tritanopia
D8D4E4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DCD0FA 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 #DCD0FA looks like.

```
.text, #text, p{  
    color:#DCD0FA  
}
```

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 #DCD0FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCD0FA
}
```

Border

The CSS property to change the border of an element to Hex DCD0FA 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
#DCD0FA }
```

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

```
.border{ border-color:#DCD0FA }
```

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

Here you see how a box with a 4 pixel #DCD0FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCD0FA; -webkit-box-shadow:4px 4px  
4px 4px #DCD0FA; box-shadow:4px 4px 4px  
4px #DCD0FA }
```

Background

The CSS property to change the background color of an element to Hex DCD0FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCD0FA }
```

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

```
.background{ background-color:#DCD0FA }
```

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