

Converting Colors

Hex(DFC6FF)

Have a look what the booklet for
Hex(DFC6FF) contains.

Hex(DFC6FF)	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(DFC6FF)

Conversions

Conversions Part 1

Format	Color
Hex	DFC6FF
RGB	223, 198, 255
RGB Percent	87%, 78%, 100%
CMY	0.1255, 0.2235, 0.0000
CMYK	0.13, 0.22, 0.00, 0.00
HSL	266°, 100%, 89%
HSV	266°, 22%, 100%
XYZ	68.6755, 63.2961, 103.2055
YIQ	211.9730, -3.3970, 23.0270

Conversions

Conversions Part 2

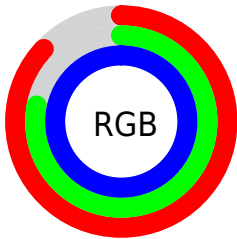
Format	Color
R _Y B	223, 198, 255
Decimal	14665471
CIE Lab	83.60, 19.37, -24.74
CIE LCh	84, 31.419, 308.052
Yxy	63.2961, 0.2920, 0.2691
Android (android.graphics.Color)	4292855551 (0xFFDFC6FF)
YUV	211.9730, 21.2123, 9.6707
Hunter-Lab	79.5589, 14.8538, -21.2211

Details

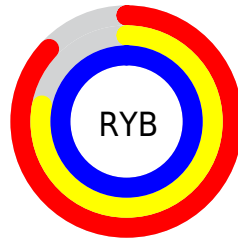
The Hex color **DFC6FF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E6FFC6**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FFFFFF**, and **A790C6** is the 20% darker color. If you saturate the color by 10%, you get **D1ADFF**, and if you desaturate by 10%, it is **EDE0FF**.

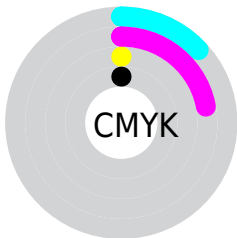
Distribution



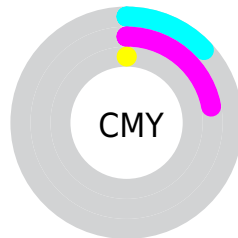
- Red (87%)
- Green (78%)
- Blue (100%)



- Red (87%)
- Yellow (78%)
- Blue (100%)



- Cyan (13%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color DFC6FF 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 DFC6FF by changing the saturation by 10% instead.

 DFC6FF

FFFFFF

 DFC6FF

 C3ABE2

 A790C6

 8D76AB

 735E90

 5A4676

 412F5D

 2A1A46

 16012F

 00011A

 DFC6FF

 DFC6FF

 D1ADFF

 EDE0FF

 C293FF

 FCF9FF

 B47AFF

 FFFFFFFF

 A660FF

 9747FF

 892DFF

 7B14FF

 7000FF

Harmonies

Analogous

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



B7D0FF



DFC6FF



FDBEE7

Triad

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



DFC6FF



F9C79A



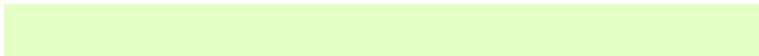
7FE1D8

Complementary

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



DFC6FF



E6FFC6

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.



9BDFB9



DFC6FF



DED196

Square

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



DFC6FF



FFBEAD



BDDAA1



77DFF4

Rectangle

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



DFC6FF



FFBBD3



BDDAA1



87E1CD

Sweetspot

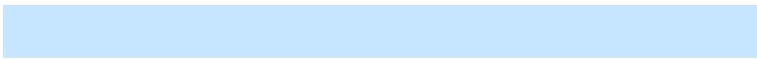
The Sweet Spot groups the original color and five complimentary colors.



DFC6FF



F5EDFF



C6E6FF



7A7580



000000



808080

Same Dimension

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



DFC6FF



D8BAFF



FBC6FF



787380



5400BF



1C0040

Inverse Universe

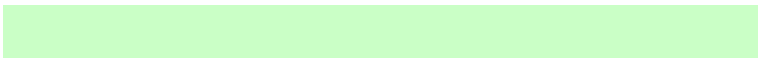
The Inverse Universe completely reimagines the original color for something new.



FFC6E6



FFBAE1



CAFFC6



80737A



BF006B



400024

Previews

White Background



This preview shows how the Hex color DFC6FF looks on a white background.

Color Contrast Check

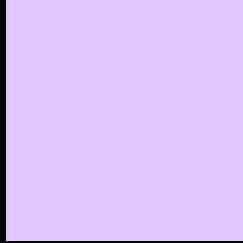
Large Text (above 18pt) WCAG AA × Fail

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 DFC6FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

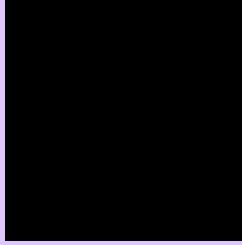
Any Text WCAG AA ✓ Pass

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 DFC6FF Background



This preview shows how black text looks on a background with the Hex color DFC6FF.

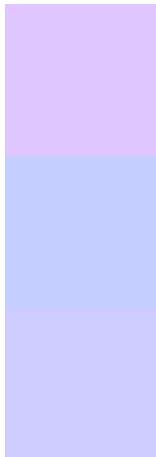


This preview shows how white text looks on a background with the Hex color DFC6FF.

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

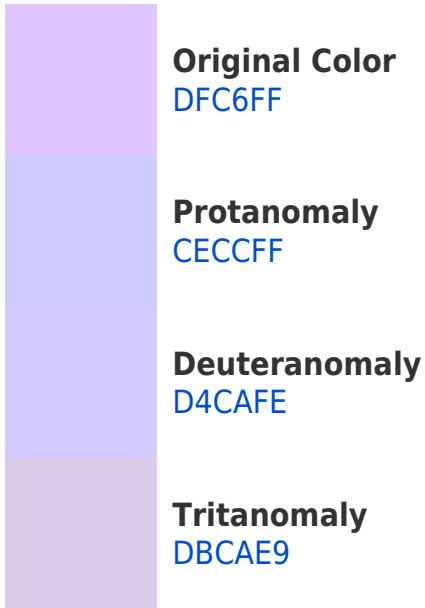


Original Color
DFC6FF

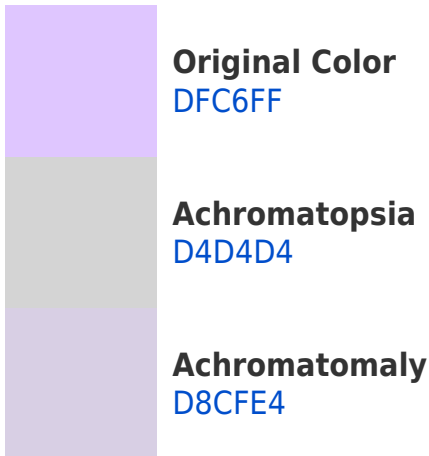
Protanopia
C5CFFF

Deuteranopia
CECCFE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DFC6FF 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 #DFC6FF looks like.

```
.text, #text, p{  
    color:#DFC6FF  
}
```

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 #DFC6FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFC6FF
}
```

Border

The CSS property to change the border of an element to Hex DFC6FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

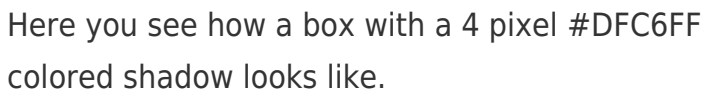
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DFC6FF }
```

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

```
.border{ border-color:#DFC6FF }
```

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



Here you see how a box with a 4 pixel #DFC6FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFC6FF; -webkit-box-shadow:4px 4px  
4px 4px #DFC6FF; box-shadow:4px 4px 4px  
4px #DFC6FF }
```

Background

The CSS property to change the background color of an element to Hex DFC6FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFC6FF }
```

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

```
.background{ background-color:#DFC6FF }
```

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