

# Converting Colors

Hex(DDC4FF)

Have a look what the booklet for  
Hex(DDC4FF) contains.

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# **Color**

**Hex(DDC4FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DDC4FF
RGB	221, 196, 255
RGB Percent	87%, 77%, 100%
CMY	0.1333, 0.2314, 0.0000
CMYK	0.13, 0.23, 0.00, 0.00
HSL	265°, 100%, 88%
HSV	265°, 23%, 100%
XYZ	67.6087, 62.0720, 103.0255
YIQ	210.2010, -4.0390, 23.6490

# Conversions

## Conversions Part 2

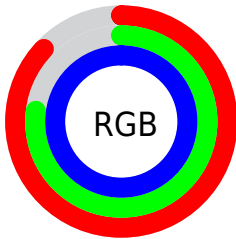
Format	Color
R <sub>YB</sub>	221, 196, 255
Decimal	14533887
CIE Lab	82.95, 19.82, -25.74
CIE LCh	83, 32.485, 307.590
Yxy	62.0720, 0.2905, 0.2667
Android (android.graphics.Color)	4292723967 (0xFFDDC4FF)
YUV	210.2010, 22.0859, 9.4707
Hunter-Lab	78.7858, 15.3017, -22.3814

# Details

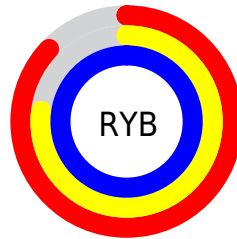
The Hex color **DDC4FF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E6FFC4**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFDFFF**, and **A58EC6** is the 20% darker color. If you saturate the color by 10%, you get **CEABFF**, and if you desaturate by 10%, it is **ECDEFF**.

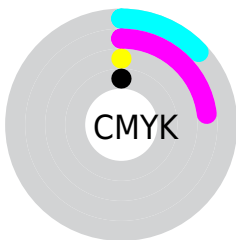
# Distribution



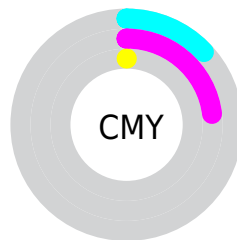
- Red (87%)
- Green (77%)
- Blue (100%)



- Red (87%)
- Yellow (77%)
- Blue (100%)



- Cyan (13%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (23%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DDC4FF 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 DDC4FF by changing the saturation by 10% instead.



 DDC4FF

 DDC4FF


FFFFFF

 C1A9E2

FFFDFF

 A58EC6

 8B75AB

 715C90

 584476

 3F2E5D

 281846

 14002F

 00011A

 DDC4FF

 DDC4FF

 CEABFF

 ECDEFF

 C091FF

 FAF7FF

 B178FF

 FFFFFFFF

 A25EFF

 9445FF

 852BFF

 7612FF

 6C00FF

# Harmonies

## Analogous

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



B3CFFF



DDC4FF



FCBBE6

# Triad

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



DDC4FF



F8C597



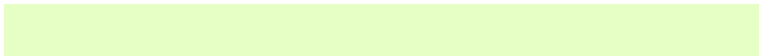
7AE0D6

# Complementary

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



DDC4FF



E6FFC4

# 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.



98DEB6



DDC4FF



DDCF92

# Square

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



DDC4FF



FFBCAB



BBD89D



70DEF3

# Rectangle

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



DDC4FF



FFB8D2



BBD89D



82DFCB



# Sweetspot

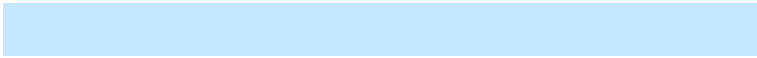
The Sweet Spot groups the original color and five complimentary colors.



DDC4FF



F5EDFF



C4E6FF



7A7580



000000



808080



# Same Dimension

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



DDC4FF



D6B8FF



FAC4FF



787380



5100BF



1B0040



# Inverse Universe

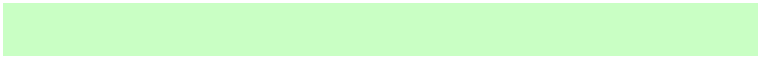
The Inverse Universe completely reimagines the original color for something new.



FFC4E6



FFB8E1



C9FFC4



80737A



BF006E

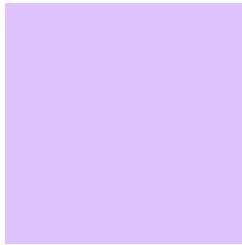


400025



# Previews

## White Background



This preview shows how the Hex color DDC4FF looks on a white background.

## Color Contrast Check

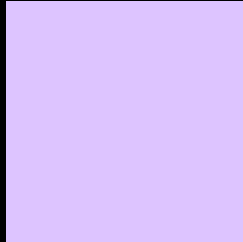
Large Text (above 18pt) WCAG AA × Fail

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 DDC4FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

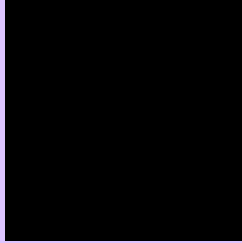
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DDC4FF Background



This preview shows how black text looks on a background with the Hex color DDC4FF.

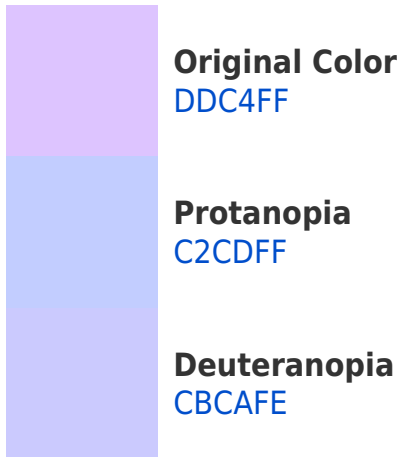


This preview shows how white text looks on a background with the Hex color DDC4FF.

# 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](#).

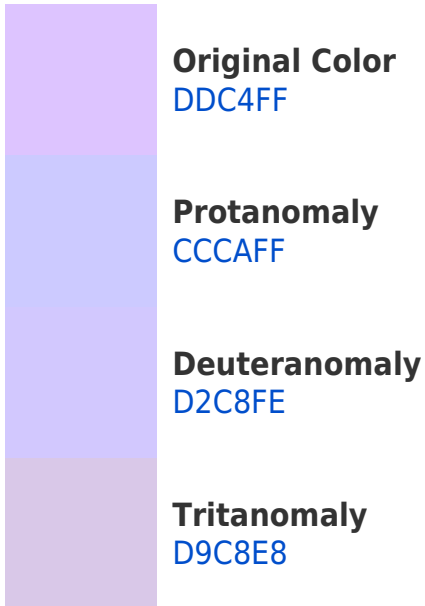
## Dichromacy



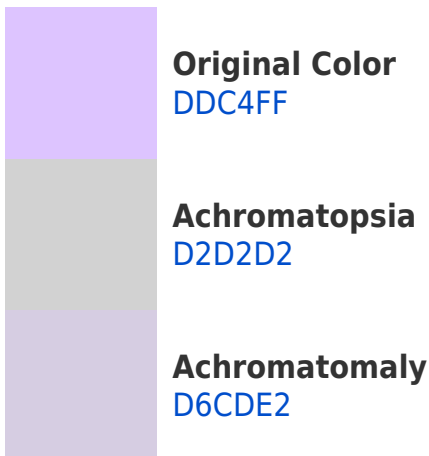


**Tritanopia**  
D7CBDB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DDC4FF 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 #DDC4FF looks like.

```
.text, #text, p{  
    color:#DDC4FF  
}
```

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 #DDC4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDC4FF
}
```

## Border

The CSS property to change the border of an element to Hex DDC4FF 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
#DDC4FF }
```

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

```
.border{ border-color:#DDC4FF }
```

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

Here you see how a box with a 4 pixel #DDC4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDC4FF; -webkit-box-shadow:4px 4px  
4px 4px #DDC4FF; box-shadow:4px 4px 4px  
4px #DDC4FF }
```

# Background

The CSS property to change the background color of an element to Hex DDC4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDC4FF }
```

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

```
.background{ background-color:#DDC4FF }
```

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](#).



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