

# Converting Colors

Hex(DDC1FC)

Have a look what the booklet for  
Hex(DDC1FC) contains.

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# **Color**

**Hex(DDC1FC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DDC1FC
RGB	221, 193, 252
RGB Percent	87%, 76%, 99%
CMY	0.1333, 0.2431, 0.0118
CMYK	0.12, 0.23, 0.00, 0.01
HSL	268°, 91%, 87%
HSV	268°, 23%, 99%
XYZ	66.4594, 60.5404, 100.2781
YIQ	208.0980, -2.2510, 24.2850

# Conversions

## Conversions Part 2

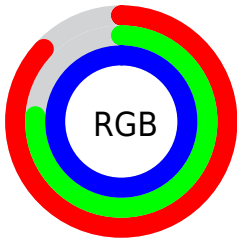
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	221, 193, 252
Decimal	14533116
CIE Lab	82.13, 20.81, -25.39
CIE LCh	82, 32.832, 309.333
Yxy	60.5404, 0.2924, 0.2664
Android (android.graphics.Color)	4292723196 (0xFFDDC1FC)
YUV	208.0980, 21.6437, 11.3151
Hunter-Lab	77.8077, 16.3024, -21.9473

# Details

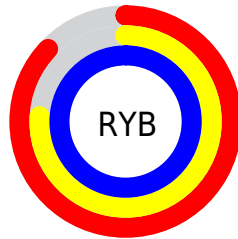
The Hex color `DDC1FC` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `E0FCC1`, and the grayscale version is `D0D0D0`.

A 20% lighter version of the original color is `FFFAFF`, and `A58BC3` is the 20% darker color. If you saturate the color by 10%, you get `D0A8FC`, and if you desaturate by 10%, it is `EADAFC`.

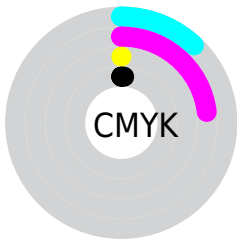
# Distribution



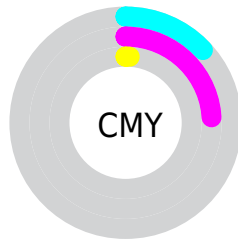
- Red (87%)
- Green (76%)
- Blue (99%)



- Red (87%)
- Yellow (76%)
- Blue (99%)



- Cyan (12%)
- Magenta (23%)
- Yellow (0%)
- Black (1%)



- Cyan (13%)
- Magenta (24%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DDC1FC 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 DDC1FC by changing the saturation by 10% instead.



 DDC1FC

FFFFFF


 FFFAFF

 DDC1FC

 C1A6DF

 A58BC3

 8B72A8

 71598D

 584174

 3F2B5B

 281643

 16002D

 000117

 DDC1FC

 DDC1FC

 D0A8FC

 EADAFC

 C38FFC

 F7F3FC

 B575FC

 FFFFFC

 A85CFC

 9B43FC

 8E2AFC

 8011FC

 7800FC

# Harmonies

## Analogous

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



B3CCFF



DDC1FC



FCB8E3

# Triad

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



DDC1FC



F5C393



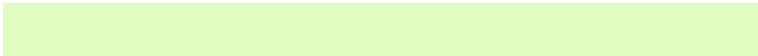
75DDD5

# Complementary

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



DDC1FC



E0FCC1

# 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.



93DCB6



DDC1FC



D9CD8F

# Square

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



DDC1FC



FFBAA7



B6D69C



6DDBF2

# Rectangle

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



DDC1FC



FFB6CE



B6D69C



7DDDCA



# Sweetspot

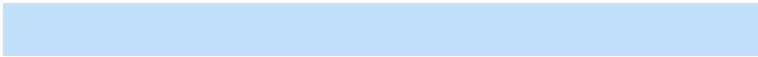
The Sweet Spot groups the original color and five complimentary colors.



DDC1FC



F6EDFF



C1E0FC



7A7580



000000



808080



# Same Dimension

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



DDC1FC



D9B8FF



FAC1FC



76707D



5A00BD



1D003D



# Inverse Universe

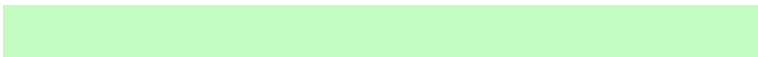
The Inverse Universe completely reimagines the original color for something new.



FCC1E0



FFB8DD



C3FCC1



7D7077



BD0063

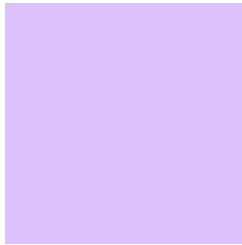


3D0020



# Previews

## White Background



This preview shows how the Hex color DDC1FC looks on a white background.

## Color Contrast Check

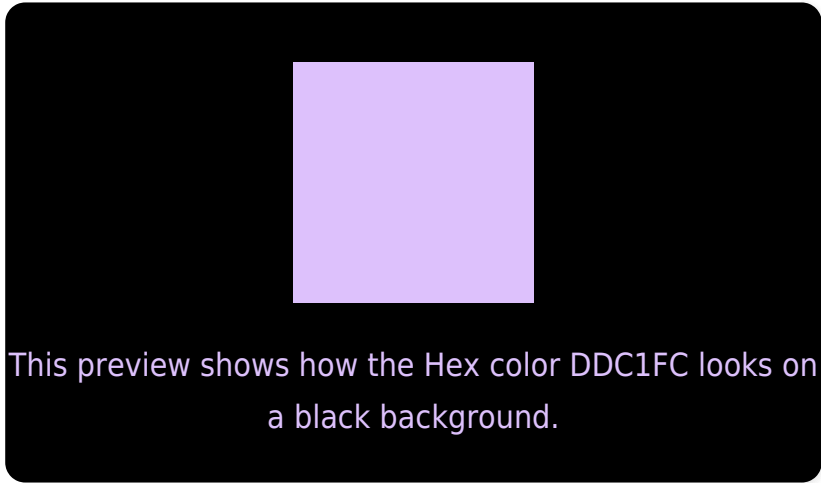
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 DDC1FC Background



This preview shows how black text looks on a background with the Hex color DDC1FC.



This preview shows how white text looks on a background with the Hex color DDC1FC.

# 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**  
D7C8D7

# Trichromacy



**Original Color**  
DDC1FC

**Protanomaly**  
CAC7FE

**Deuteranomaly**  
D0C5FB

**Tritanomaly**  
D9C5E4

# Monochromacy



**Original Color**  
DDC1FC

**Achromatopsia**  
D0D0D0

**Achromatomaly**  
D5CBE0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DDC1FC 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 #DDC1FC looks like.

```
.text, #text, p{  
    color:#DDC1FC  
}
```

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 #DDC1FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDC1FC
}
```

## Border

The CSS property to change the border of an element to Hex DDC1FC 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
#DDC1FC }
```

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

```
.border{ border-color:#DDC1FC }
```

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

Here you see how a box with a 4 pixel #DDC1FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDC1FC; -webkit-box-shadow:4px 4px  
4px 4px #DDC1FC; box-shadow:4px 4px 4px  
4px #DDC1FC }
```

# Background

The CSS property to change the background color of an element to Hex DDC1FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDC1FC }
```

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

```
.background{ background-color:#DDC1FC }
```

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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