

# Converting Colors

Hex(DCA7FF)

Have a look what the booklet for  
Hex(DCA7FF) contains.

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# **Color**

**Hex(DCA7FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCA7FF
RGB	220, 167, 255
RGB Percent	86%, 65%, 100%
CMY	0.1373, 0.3451, 0.0000
CMYK	0.14, 0.35, 0.00, 0.00
HSL	276°, 100%, 83%
HSV	276°, 35%, 100%
XYZ	61.3839, 50.0731, 101.0375
YIQ	192.8790, 3.3400, 38.6040

# Conversions

## Conversions Part 2

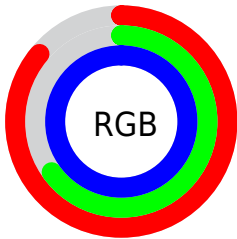
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	220, 167, 255
Decimal	14460927
CIE Lab	76.11, 35.15, -36.26
CIE LCh	76, 50.498, 314.108
Yxy	50.0731, 0.2889, 0.2356
Android (android.graphics.Color)	4292651007 (0xFFDCA7FF)
YUV	192.8790, 30.6257, 23.7851
Hunter-Lab	70.7623, 31.0086, -35.1232

# Details

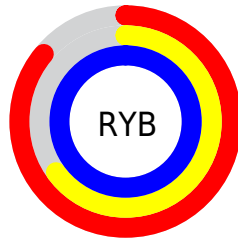
The Hex color **DCA7FF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **CAFFA7**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFDFFF**, and **A472C6** is the 20% darker color. If you saturate the color by 10%, you get **D28EFF**, and if you desaturate by 10%, it is **E6C1FF**.

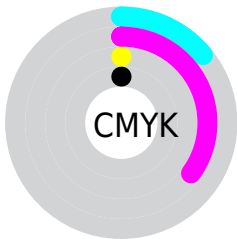
# Distribution



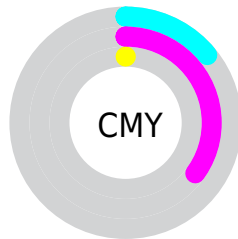
- Red (86%)
- Green (65%)
- Blue (100%)



- Red (86%)
- Yellow (65%)
- Blue (100%)



- Cyan (14%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (35%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DCA7FF 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 DCA7FF by changing the saturation by 10% instead.



 DCA7FF

 DCA7FF

FFFFFF

 C08CE2

 FFDFFF

 A472C6

 FFFBFF

 8959AA

 6E4190

 542976

 3B115D

 220045

 06002E

 000118

 DCA7FF

 DCA7FF

 D28EFF

 E6C1FF

 C874FF

 F0DAFF

 BE5BFF

 FAF4FF

 B341FF

FFFFFF

 A928FF

 9F0EFF

 9A00FF

# Harmonies

## Analogous

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



97B9FF



DCA7FF



FF99D6

# Triad

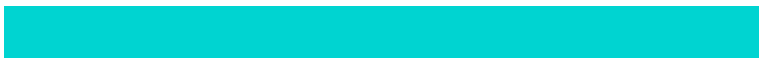
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DCA7FF



EDB061



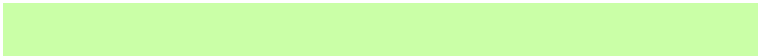
00D4D1

# Complementary

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



DCA7FF



CAFFA7

# 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.



49D2A1



DCA7FF



C3C05E

# Square

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



DCA7FF



FFA07D



8FCB76



00D1FB

# Rectangle

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



DCA7FF



FF95B7



8FCB76



00D4C1



# Sweetspot

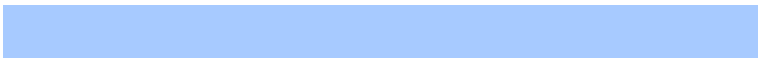
The Sweet Spot groups the original color and five complimentary colors.



DCA7FF



F5E6FF



A7CAFF



797080



000000



808080



# Same Dimension

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



DCA7FF



D596FF



FFA7F6



7A7380



7300BF



260040



# Inverse Universe

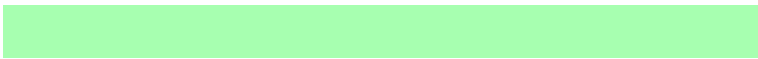
The Inverse Universe completely reimagines the original color for something new.



FFA7CA



FF96C0



A7FFB0



807378



BF004C

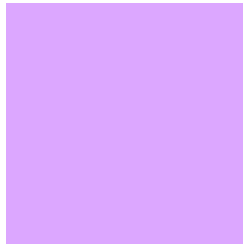


400019



# Previews

## White Background



This preview shows how the Hex color DCA7FF looks on a white background.

## Color Contrast Check

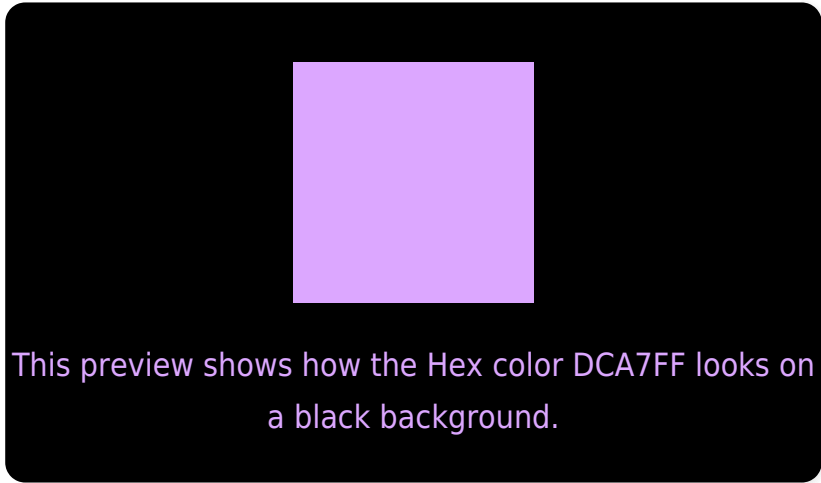
Large Text (above 18pt) WCAG AA × Fail

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

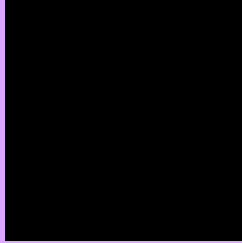
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DCA7FF Background



This preview shows how black text looks on a background with the Hex color DCA7FF.

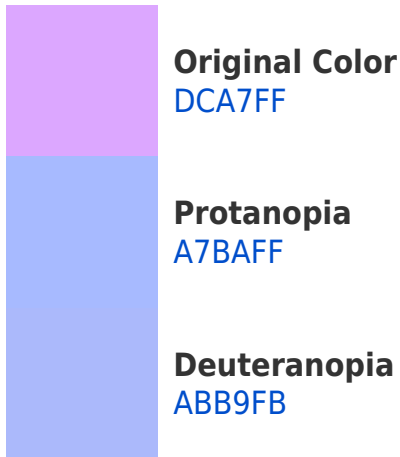


This preview shows how white text looks on a background with the Hex color DCA7FF.

# 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**  
D2B3C1

# Trichromacy



**Original Color**  
DCA7FF



**Protanomaly**  
BAB3FF



**Deuteranomaly**  
BDB2FC



**Tritanomaly**  
D6AFD8

# Monochromacy



**Original Color**  
DCA7FF



**Achromatopsia**  
C1C1C1



**Achromatomaly**  
CBB8D8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DCA7FF 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 #DCA7FF looks like.

```
.text, #text, p{  
    color:#DCA7FF  
}
```

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 #DCA7FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCA7FF
}
```

## Border

The CSS property to change the border of an element to Hex DCA7FF 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
#DCA7FF }
```

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

```
.border{ border-color:#DCA7FF }
```

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

Here you see how a box with a 4 pixel #DCA7FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCA7FF; -webkit-box-shadow:4px 4px  
4px 4px #DCA7FF; box-shadow:4px 4px 4px  
4px #DCA7FF }
```

# Background

The CSS property to change the background color of an element to Hex DCA7FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCA7FF }
```

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

```
.background{ background-color:#DCA7FF }
```

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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