

Converting Colors

Hex(DCA8FF)

Have a look what the booklet for
Hex(DCA8FF) contains.

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Color

Hex(DCA8FF)

Conversions

Conversions Part 1

Format	Color
Hex	DCA8FF
RGB	220, 168, 255
RGB Percent	86%, 66%, 100%
CMY	0.1373, 0.3412, 0.0000
CMYK	0.14, 0.34, 0.00, 0.00
HSL	276°, 100%, 83%
HSV	276°, 34%, 100%
XYZ	61.5678, 50.4409, 101.0988
YIQ	193.4660, 3.0650, 38.0810

Conversions

Conversions Part 2

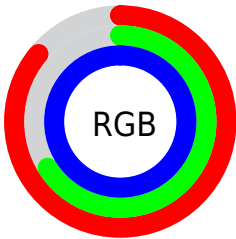
Format	Color
R _Y B	220, 168, 255
Decimal	14461183
CIE Lab	76.34, 34.61, -35.91
CIE LCh	76, 49.873, 313.942
Yxy	50.4409, 0.2889, 0.2367
Android (android.graphics.Color)	4292651263 (0xFFDCA8FF)
YUV	193.4660, 30.3363, 23.2703
Hunter-Lab	71.0218, 30.4512, -34.6835

Details

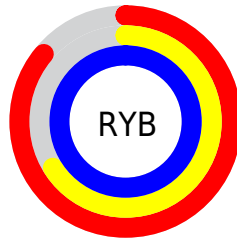
The Hex color **DCA8FF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **CBFFA8**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFE0FF**, and **A473C6** is the 20% darker color. If you saturate the color by 10%, you get **D28FFF**, and if you desaturate by 10%, it is **E6C2FF**.

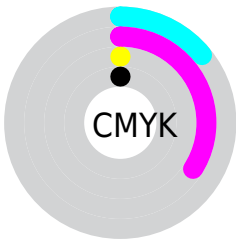
Distribution



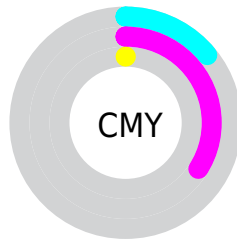
- Red (86%)
- Green (66%)
- Blue (100%)



- Red (86%)
- Yellow (66%)
- Blue (100%)



- Cyan (14%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCA8FF 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 DCA8FF by changing the saturation by 10% instead.

 DCA8FF

 DCA8FF

FFFFFF

 C08DE2

 FFE0FF

 A473C6

 FFFDFF

 895AAA

 6E4290

 542A76

 3B125D

 230045

 07002E

 000118

 DCA8FF

 DCA8FF

 D28FFF

 E6C2FF

 C775FF

 F1DBFF

 BD5BFF

 FBF5FF

 B342FF

 FFFFFFFF

 A928FF

 9E0FFF

 9800FF

Harmonies

Analogous

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



98BAFF



DCA8FF



FF9AD7

Triad

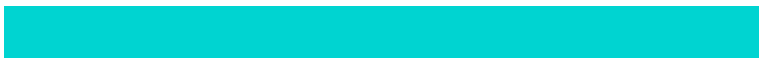
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DCA8FF



EEB163



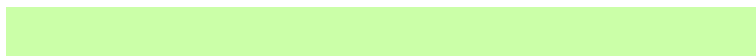
00D4D1

Complementary

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



DCA8FF



CBFFA8

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.



4CD2A1



DCA8FF



C4C060

Square

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



DCA8FF



FFA17E



90CC78



00D1FB

Rectangle

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



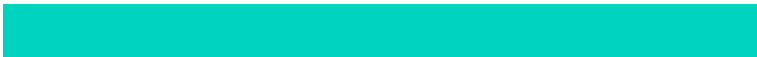
DCA8FF



FF96B8



90CC78



00D4C1

Sweetspot

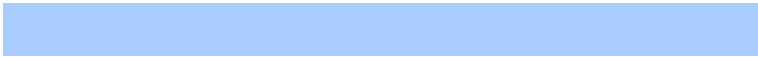
The Sweet Spot groups the original color and five complimentary colors.



DCA8FF



F5E6FF



A8CCFF



797080



000000



808080

Same Dimension

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



DCA8FF



D596FF



FFA8F8



7A7380



7200BF



260040

Inverse Universe

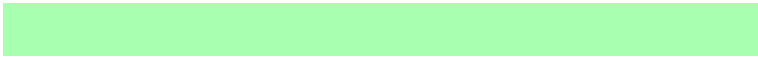
The Inverse Universe completely reimagines the original color for something new.



FFA8CB



FF96C1



A8FFAF



807378



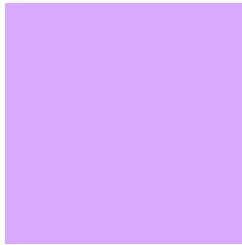
BF004D



40001A

Previews

White Background



This preview shows how the Hex color DCA8FF looks on a white background.

Color Contrast Check

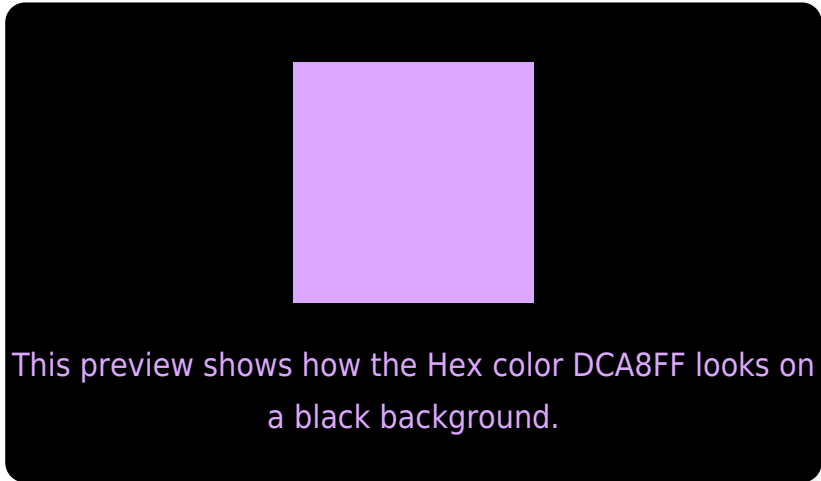
Large Text (above 18pt) WCAG AA × Fail

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 DCA8FF Background



This preview shows how black text looks on a background with the Hex color DCA8FF.

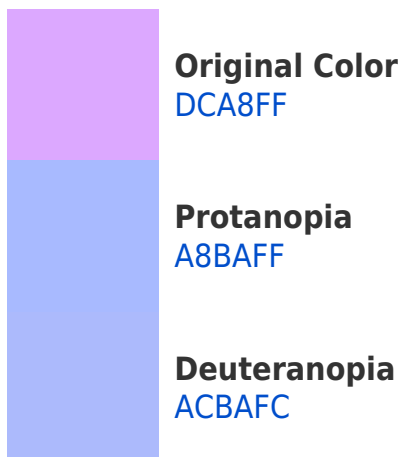


This preview shows how white text looks on a background with the Hex color DCA8FF.

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
D2B4C2

Trichromacy



Original Color
DCA8FF



Protanomaly
BBB3FF



Deuteranomaly
BDB3FD

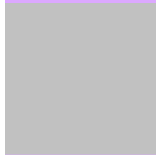


Tritanomaly
D6B0D8

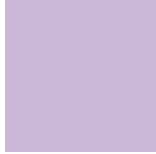
Monochromacy



Original Color
DCA8FF



Achromatopsia
C1C1C1



Achromatomaly
CBB8D8

CSS Examples

Text

The CSS property to change the color of the text to Hex DCA8FF 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 #DCA8FF looks like.

```
.text, #text, p{  
    color:#DCA8FF  
}
```

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 #DCA8FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCA8FF
}
```

Border

The CSS property to change the border of an element to Hex DCA8FF 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
#DCA8FF }
```

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

```
.border{ border-color:#DCA8FF }
```

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

Here you see how a box with a 4 pixel #DCA8FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCA8FF; -webkit-box-shadow:4px 4px  
4px 4px #DCA8FF; box-shadow:4px 4px 4px  
4px #DCA8FF }
```

Background

The CSS property to change the background color of an element to Hex DCA8FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCA8FF }
```

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

```
.background{ background-color:#DCA8FF }
```

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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