

Converting Colors

Hex(CDA8FE)

Have a look what the booklet for
Hex(CDA8FE) contains.

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Color

Hex(CDA8FE)

Conversions

Conversions Part 1

Format	Color
Hex	CDA8FE
RGB	205, 168, 254
RGB Percent	80%, 66%, 100%
CMY	0.1961, 0.3412, 0.0039
CMYK	0.19, 0.34, 0.00, 0.00
HSL	266°, 98%, 83%
HSV	266°, 34%, 100%
XYZ	57.0689, 48.1402, 100.0501
YIQ	188.8670, -5.5540, 34.5900

Conversions

Conversions Part 2

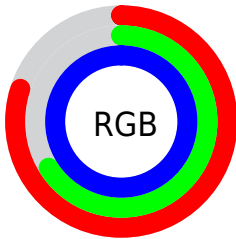
Format	Color
R _Y B	205, 168, 254
Decimal	13478142
CIE Lab	74.91, 29.95, -37.69
CIE LCh	75, 48.142, 308.470
Yxy	48.1402, 0.2780, 0.2345
Android (android.graphics.Color)	4291668222 (0xFFCDA8FE)
YUV	188.8670, 32.1106, 14.1486
Hunter-Lab	69.3831, 25.3990, -36.9277

Details

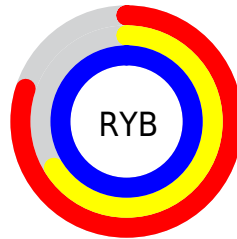
The Hex color **CDA8FE** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **D9FEA8**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFDFFF**, and **9574C5** is the 20% darker color. If you saturate the color by 10%, you get **BF8FFE**, and if you desaturate by 10%, it is **DBC1FE**.

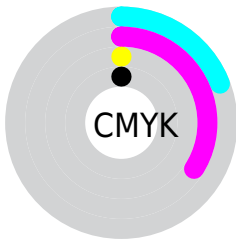
Distribution



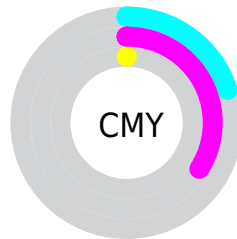
- Red (80%)
- Green (66%)
- Blue (100%)



- Red (80%)
- Yellow (66%)
- Blue (100%)



- Cyan (19%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDA8FE 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 CDA8FE by changing the saturation by 10% instead.

 CDA8FE

 CDA8FE

FFFFFF

 B18DE1

 FFDFFF

 9574C5

 FFFCFF

 7B5BA9

 60438F

 472C75

 2E155C

 140044

 00002D

 000117

 CDA8FE

 CDA8FE

 BF8FFE

 DBC1FE

 B075FE

 EADBFE

 A25CFE

 F8F4FE

 9342FE

FFFFFFE

 8529FE

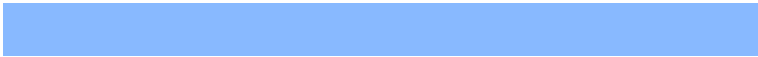
 7610FE

 6D00FE

Harmonies

Analogous

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



88B9FF



CDA8FE



F999DA

Triad

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



CDA8FE



EEAB66



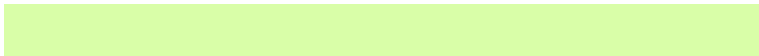
00CFC4

Complementary

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



CDA8FE



D9FEA8

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.



5CCD96



CDA8FE



C8BA5E

Square

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



CDA8FE



FF9C83



98C671



00CDEE

Rectangle

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



CDA8FE



FF94BC



98C671



12CFB5

Sweetspot

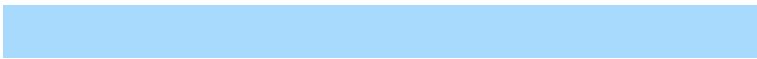
The Sweet Spot groups the original color and five complimentary colors.



CDA8FE



F0E6FF



A8DAFE



777080



000000



808080

Same Dimension

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



CDA8FE



C396FF



F7A8FE



787380



5200BF



1B0040

Inverse Universe

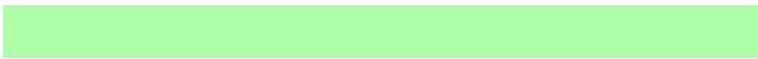
The Inverse Universe completely reimagines the original color for something new.



FEA8D9



FF96D2



AFFEA8



80737A



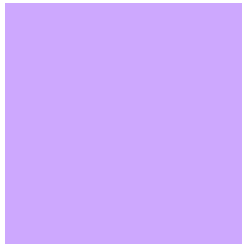
BF006D



400024

Previews

White Background



This preview shows how the Hex color CDA8FE looks on a white background.

Color Contrast Check

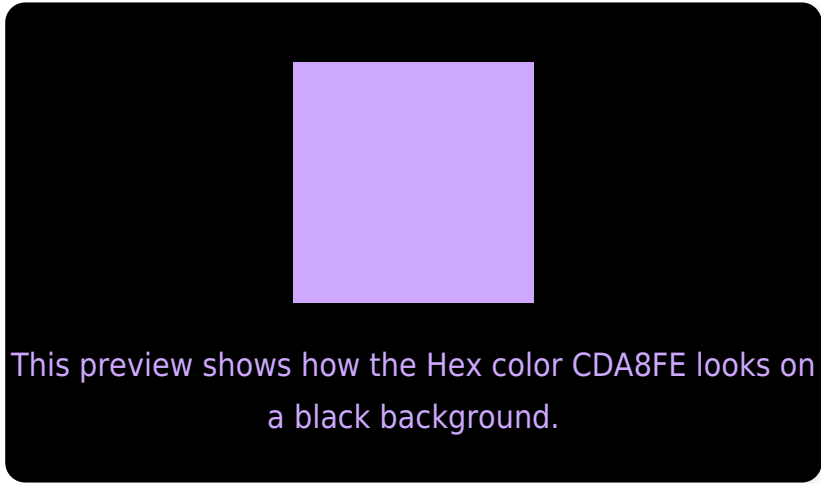
Large Text (above 18pt) WCAG AA × Fail

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

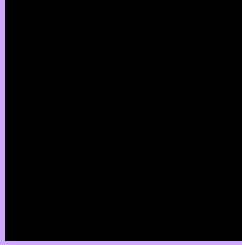
Any Text WCAG AA ✓ Pass

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 CDA8FE Background



This preview shows how black text looks on a background with the Hex color CDA8FE.

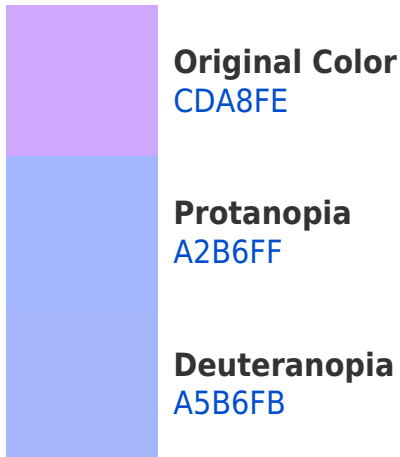


This preview shows how white text looks on a background with the Hex color CDA8FE.

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](#).

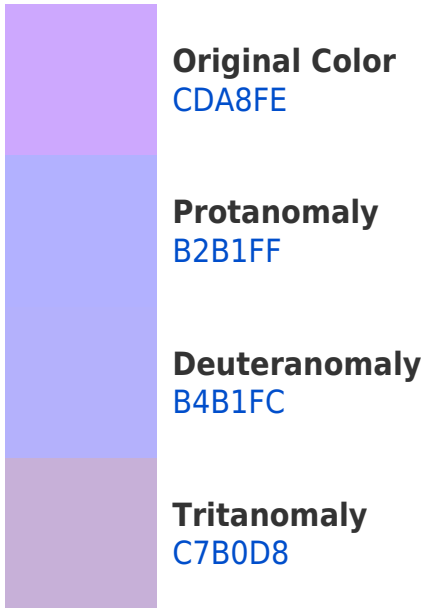
Dichromacy



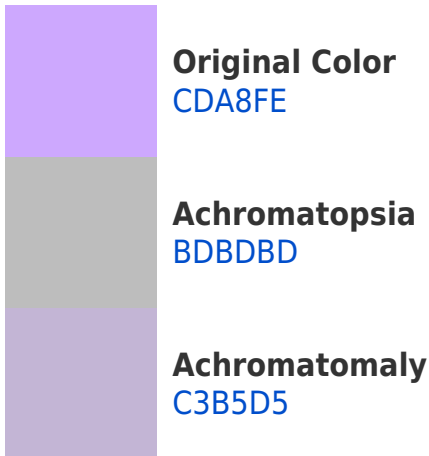


Tritanopia
C3B4C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDA8FE 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 #CDA8FE looks like.

```
.text, #text, p{  
    color:#CDA8FE  
}
```

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 #CDA8FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDA8FE
}
```

Border

The CSS property to change the border of an element to Hex CDA8FE 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
#CDA8FE }
```

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

```
.border{ border-color:#CDA8FE }
```

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

Here you see how a box with a 4 pixel #CDA8FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDA8FE; -webkit-box-shadow:4px 4px  
4px 4px #CDA8FE; box-shadow:4px 4px 4px  
4px #CDA8FE }
```

Background

The CSS property to change the background color of an element to Hex CDA8FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDA8FE }
```

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

```
.background{ background-color:#CDA8FE }
```

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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