

Converting Colors

Hex(CCA4FF)

Have a look what the booklet for
Hex(CCA4FF) contains.

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Color

Hex(CCA4FF)

Conversions

Conversions Part 1

Format	Color
Hex	CCA4FF
RGB	204, 164, 255
RGB Percent	80%, 64%, 100%
CMY	0.2000, 0.3569, 0.0000
CMYK	0.20, 0.36, 0.00, 0.00
HSL	266°, 100%, 82%
HSV	266°, 36%, 100%
XYZ	56.2273, 46.6083, 100.6405
YIQ	186.3340, -5.3710, 36.7810

Conversions

Conversions Part 2

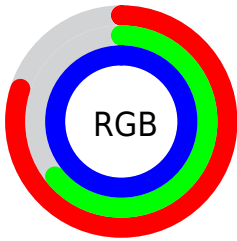
Format	Color
RYB	204, 164, 255
Decimal	13411583
CIELab	73.94, 32.07, -39.75
CIELCh	74, 51.075, 308.891
Yxy	46.6083, 0.2763, 0.2291
Android (android.graphics.Color)	4291601663 (0xFFCCA4FF)
YUV	186.3340, 33.8523, 15.4931
Hunter-Lab	68.2703, 27.5394, -39.6131

Details

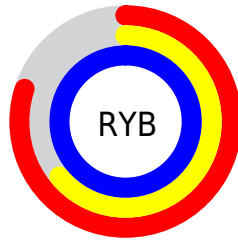
The Hex color **CCA4FF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **D7FFA4**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFDBFF**, and **9470C6** is the 20% darker color. If you saturate the color by 10%, you get **BE8BFF**, and if you desaturate by 10%, it is **DABEFF**.

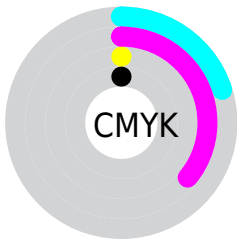
Distribution



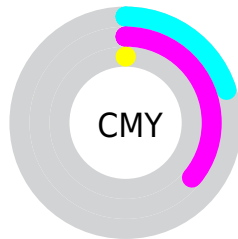
- Red (80%)
- Green (64%)
- Blue (100%)



- Red (80%)
- Yellow (64%)
- Blue (100%)



- Cyan (20%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCA4FF 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 CCA4FF by changing the saturation by 10% instead.

CCA4FF

CCA4FF

FFFFFF

B089E2

FFDBFF

9470C6

FFF8FF

7957AA

5F3F90

452876

2C115C

120044

00002D

000118

■ CCA4FF

■ CCA4FF

■ BE8BFF

■ DABEFF

■ AF71FF

■ E9D7FF

■ A158FF

■ F7F1FF

■ 933EFF

FFFFFF

■ 8524FF

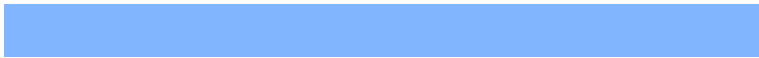
■ 760BFF

■ 7000FF

Harmonies

Analogous

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



81B6FF



CCA4FF



FB94D9

Triad

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



CCA4FF



EDA75E



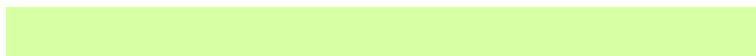
00CEC3

Complementary

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



CCA4FF



D7FFA4

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.



4FCB92



CCA4FF



C5B856

Square

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



CCA4FF



FF977D



92C46A



00CCEF

Rectangle

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



CCA4FF



FF8FB9



92C46A



00CEB2

Sweetspot

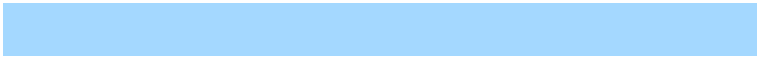
The Sweet Spot groups the original color and five complimentary colors.



CCA4FF



EFE3FF



A4D8FF



766F80



000000



808080

Same Dimension

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



CCA4FF



C291FF



F9A4FF



787380



5400BF



1C0040

Inverse Universe

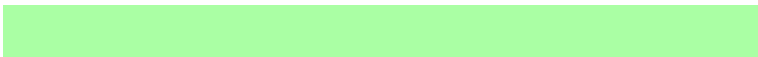
The Inverse Universe completely reimagines the original color for something new.



FFA4D7



FF91CF



AAFFA4



80737A



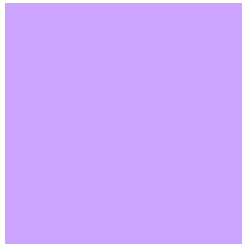
BF006B



400024

Previews

White Background



This preview shows how the Hex color CCA4FF looks on a white background.

Color Contrast Check

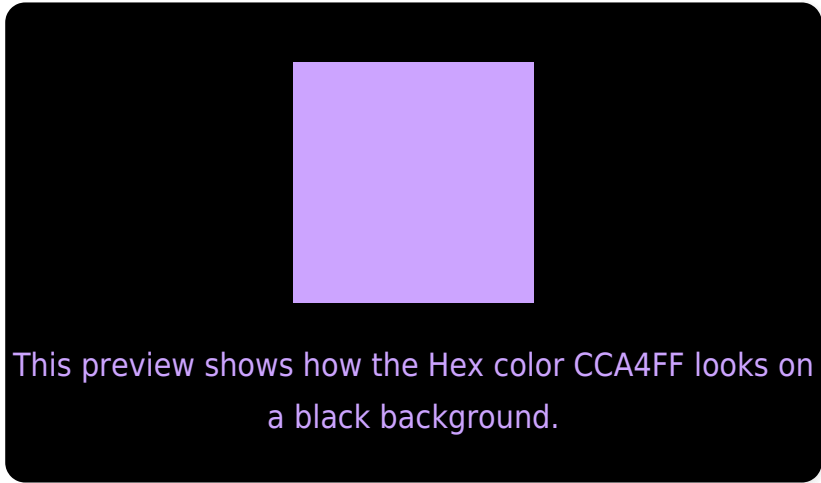
Large Text (above 18pt) WCAG AA × Fail

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

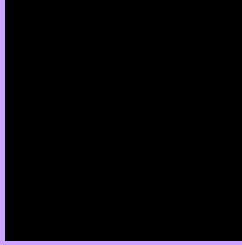
Any Text WCAG AA ✓ Pass

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 CCA4FF Background



This preview shows how black text looks on a background with the Hex color CCA4FF.

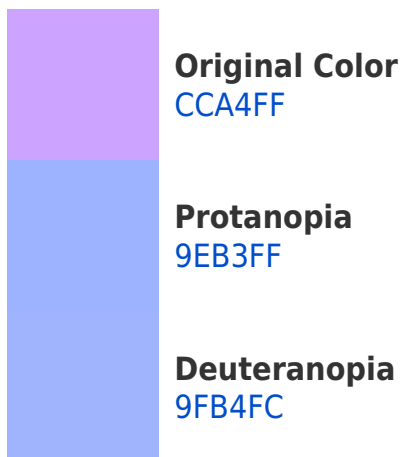


This preview shows how white text looks on a background with the Hex color CCA4FF.

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](#).

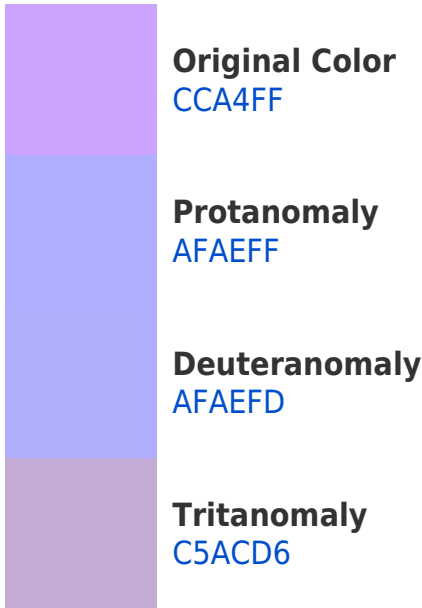
Dichromacy



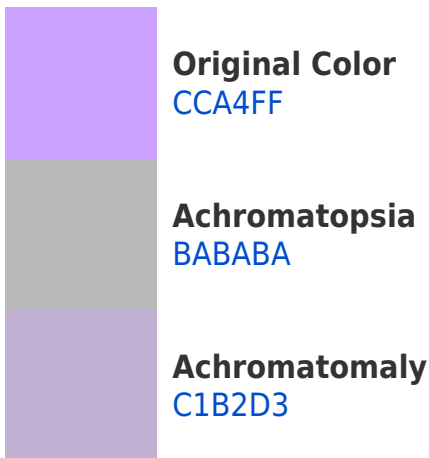


Tritanopia
C1B1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCA4FF 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 #CCA4FF looks like.

```
.text, #text, p{  
    color:#CCA4FF  
}
```

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 #CCA4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCA4FF
}
```

Border

The CSS property to change the border of an element to Hex CCA4FF 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
#CCA4FF }
```

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

```
.border{ border-color:#CCA4FF }
```

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

Here you see how a box with a 4 pixel #CCA4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCA4FF; -webkit-box-shadow:4px 4px  
4px 4px #CCA4FF; box-shadow:4px 4px 4px  
4px #CCA4FF }
```

Background

The CSS property to change the background color of an element to Hex CCA4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCA4FF }
```

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

```
.background{ background-color:#CCA4FF }
```

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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