

# Converting Colors

Hex(CCAFFF)

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

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# **Color**

**Hex(CCAFFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCAFFF
RGB	204, 175, 255
RGB Percent	80%, 69%, 100%
CMY	0.2000, 0.3137, 0.0000
CMYK	0.20, 0.31, 0.00, 0.00
HSL	262°, 100%, 84%
HSV	262°, 31%, 100%
XYZ	58.2818, 50.7173, 101.3254
YIQ	192.7910, -8.3960, 31.0280

# Conversions

## Conversions Part 2

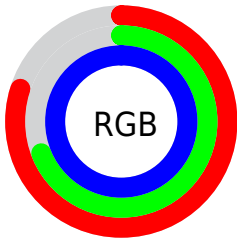
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	204, 175, 255
Decimal	13414399
CIE Lab	76.51, 26.05, -35.77
CIE LCh	77, 44.244, 306.063
Yxy	50.7173, 0.2771, 0.2411
Android (android.graphics.Color)	4291604479 (0xFFCCAFFF)
YUV	192.7910, 30.6690, 9.8303
Hunter-Lab	71.2161, 21.4526, -34.5058

# Details

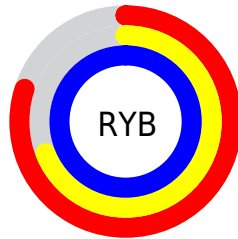
The Hex color **CCAFFF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **E2FFAF**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFE7FF**, and **957AC6** is the 20% darker color. If you saturate the color by 10%, you get **BC95FF**, and if you desaturate by 10%, it is **DCC9FF**.

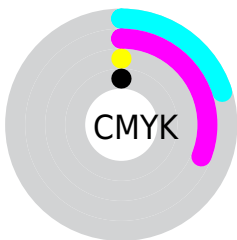
# Distribution



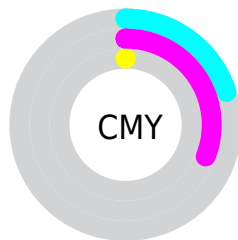
- Red (80%)
- Green (69%)
- Blue (100%)



- Red (80%)
- Yellow (69%)
- Blue (100%)



- Cyan (20%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (31%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 CCAFFF

 CCAFFF

FFFFFF

 B094E2

 FFE7FF

 957AC6

 7A61AA

 604990

 473276

 2D1C5D

 130745

 00002E

 000118

 CCAFFF

 CCAFFF

 BC95FF

 DCC9FF

 AB7CFF

 EDE2FF

 9B62FF

 FDFCFF

 8B49FF

FFFFFF

 7B30FF

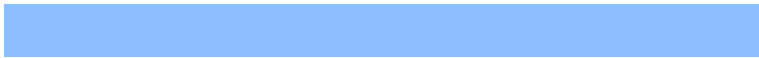
 6A16FF

 5C00FF

# Harmonies

## Analogous

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



8DBEFF



CCAFFF



F7A2DF

# Triad

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



CCAFFF



F2AF73



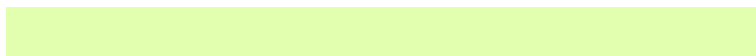
27D2C4

# Complementary

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



CCAFFF



E2FFAF

# 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.



70D09A



CCAFFF



CFBD6A

# Square

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



CCAFFF



FFA28F



A3C879



00D1EC

# Rectangle

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



CCAFFF



FF9DC4



A3C879



45D2B6



# Sweetspot

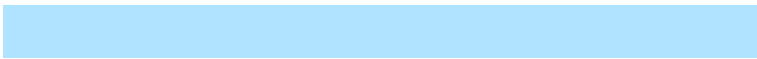
The Sweet Spot groups the original color and five complimentary colors.



CCAFFF



F0E8FF



AFE3FF



777180



000000



808080



# Same Dimension

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



CCAFFF



C19EFF



F3AFFF



777380



4500BF



170040



# Inverse Universe

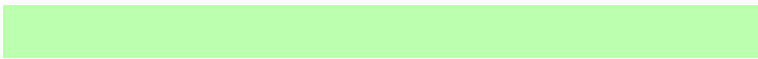
The Inverse Universe completely reimagines the original color for something new.



FFAFE2



FF9EDC



BBFFAF



80737B



BF007A

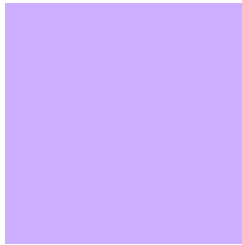


400029



# Previews

## White Background



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

## Color Contrast Check

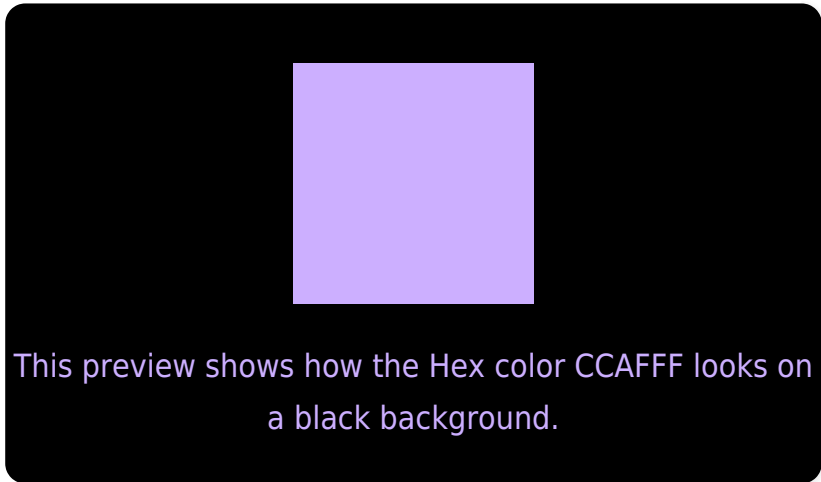
Large Text (above 18pt) WCAG AA × Fail

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 CCAFFF Background



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

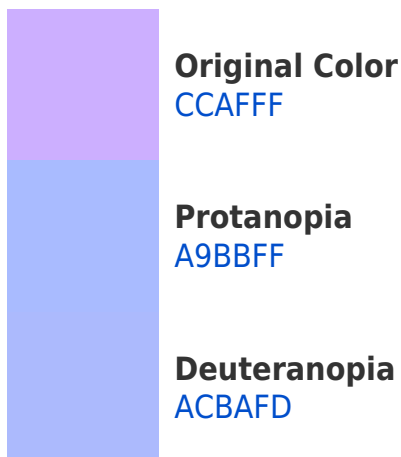


This preview shows how white text looks on a background with the Hex color CCAFFF.

# Color Blindness Simulation

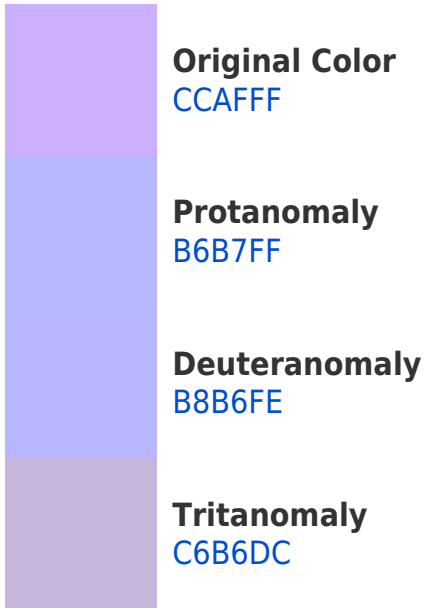
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

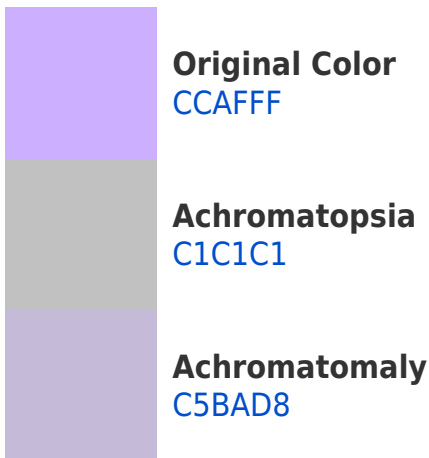




# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #CCAFFF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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