

# Converting Colors

Hex(CFACFF)

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

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# **Color**

**Hex(CFACFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CFACFF
RGB	207, 172, 255
RGB Percent	81%, 67%, 100%
CMY	0.1882, 0.3255, 0.0000
CMYK	0.19, 0.33, 0.00, 0.00
HSL	265°, 100%, 84%
HSV	265°, 33%, 100%
XYZ	58.5347, 49.9904, 101.1718
YIQ	191.9270, -5.7830, 33.2330

# Conversions

## Conversions Part 2

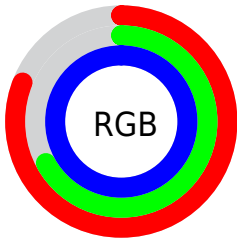
Format	Color
R <sub>Y</sub> B	207, 172, 255
Decimal	13610239
CIE Lab	76.06, 28.57, -36.43
CIE LCh	76, 46.300, 308.106
Yxy	49.9904, 0.2791, 0.2384
Android (android.graphics.Color)	4291800319 (0xFFCFACFF)
YUV	191.9270, 31.0950, 13.2190
Hunter-Lab	70.7039, 24.0454, -35.3466

# Details

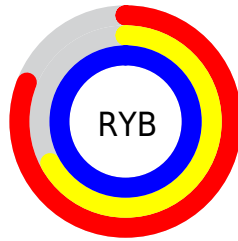
The Hex color **CFACFF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **DCFFAC**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFE4FF**, and **9777C6** is the 20% darker color. If you saturate the color by 10%, you get **C093FF**, and if you desaturate by 10%, it is **DEC6FF**.

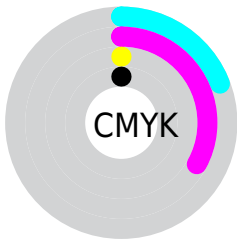
# Distribution



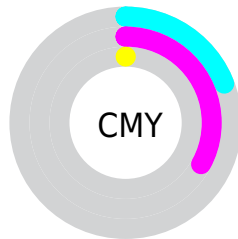
- Red (81%)
- Green (67%)
- Blue (100%)



- Red (81%)
- Yellow (67%)
- Blue (100%)



- Cyan (19%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (33%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 CFACFF

 CFACFF

FFFFFF

 B391E2

 FFE4FF

 9777C6

 7D5EAA

 634690

 492F76

 30195D

 160345

 00002E

 000118

 CFACFF

 CFACFF

 C093FF

 DEC6FF

 B279FF

 ECDFFF

 A360FF

 FBF9FF

 9446FF

FFFFFF

 852DFF

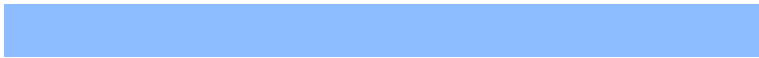
 7713FF

 6C00FF

# Harmonies

## Analogous

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



8DBCFF



CFACFF



FA9EDC

# Triad

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



CFACFF



F1AE6C



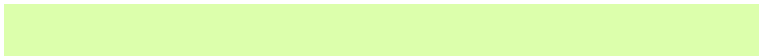
00D2C6

# Complementary

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



CFACFF



DCFFAC

# 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.



65CF9A



CFACFF



CBBD65

# Square

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



CFACFF



FFA089



9DC876



00D0EF

# Rectangle

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



CFACFF



FF99C0



9DC876



30D2B7



# Sweetspot

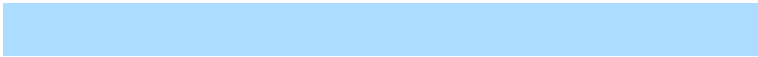
The Sweet Spot groups the original color and five complimentary colors.



CFACFF



F0E6FF



ACDCFF



777080



000000



808080



# Same Dimension

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



CFACFF



C59CFF



F8ACFF



787380



5100BF



1B0040



# Inverse Universe

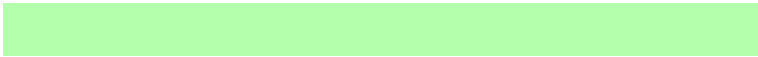
The Inverse Universe completely reimagines the original color for something new.



FFACDC



FF9CD5



B3FFAC



80737A



BF006F

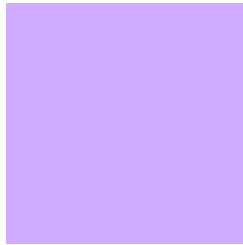


400025



# Previews

## White Background



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

## Color Contrast Check

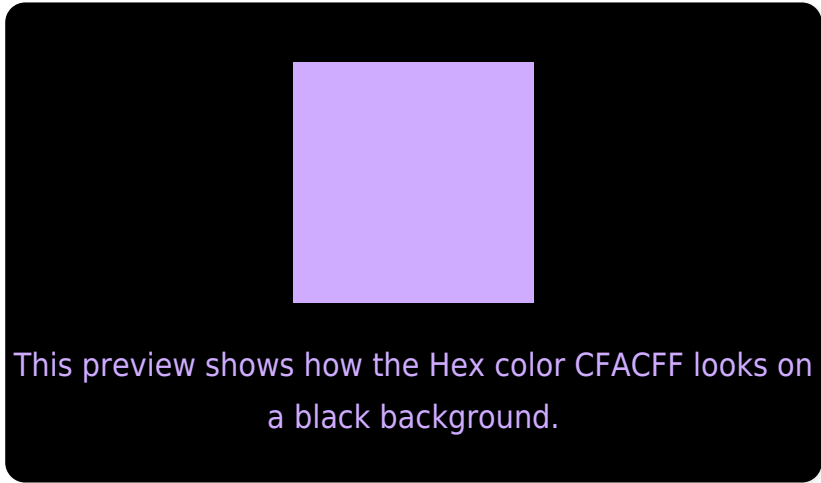
Large Text (above 18pt) WCAG AA × Fail

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 CFACFF Background



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



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

# 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**  
C5B7C6

# Trichromacy



**Original Color**  
CFACFF

**Protanomaly**  
B6B4FF

**Deuteranomaly**  
B7B4FD

**Tritanomaly**  
C9B3DB

# Monochromacy



**Original Color**  
CFACFF

**Achromatopsia**  
C0C0C0

**Achromatomaly**  
C5B9D7

# CSS Examples

## Text

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

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

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 #CFACFF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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