

# Converting Colors

Hex(C4C4FF)

Have a look what the booklet for  
Hex(C4C4FF) contains.

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# **Color**

**Hex(C4C4FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4C4FF
RGB	196, 196, 255
RGB Percent	77%, 77%, 100%
CMY	0.2314, 0.2314, 0.0000
CMYK	0.23, 0.23, 0.00, 0.00
HSL	240°, 100%, 88%
HSV	240°, 23%, 100%
XYZ	60.5549, 58.4356, 102.6954
YIQ	202.7260, -18.9390, 18.3490

# Conversions

## Conversions Part 2

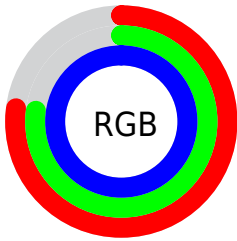
Format	Color
R <sub>Y</sub> B	196, 196, 255
Decimal	12895487
CIE Lab	80.98, 12.22, -28.93
CIE LCh	81, 31.404, 292.895
Yxy	58.4356, 0.2732, 0.2636
Android (android.graphics.Color)	4291085567 (0xFFC4C4FF)
YUV	202.7260, 25.7711, -5.8987
Hunter-Lab	76.4432, 7.6241, -26.1412

# Details

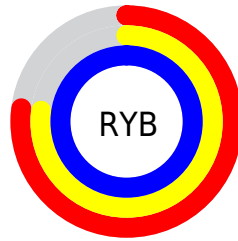
The Hex color `C4C4FF` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `FFFFC4`, and the grayscale version is `CACACA`.

A 20% lighter version of the original color is `FDFDFF`, and `8D8EC6` is the 20% darker color. If you saturate the color by 10%, you get `ABABFF`, and if you desaturate by 10%, it is `DEDEFF`.

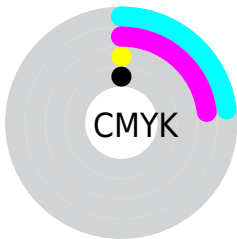
# Distribution



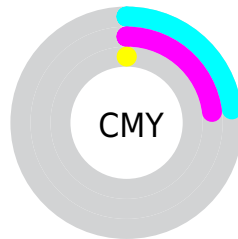
- Red (77%)
- Green (77%)
- Blue (100%)



- Red (77%)
- Yellow (77%)
- Blue (100%)



- Cyan (23%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (23%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4C4FF 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 C4C4FF by changing the saturation by 10% instead.



 C4C4FF

 C4C4FF

FFFFFF

 A8A9E2

 FDFDFF

 8D8EC6

 7375AB

 595C90

 404576

 272F5D

 0C1A45

 00002F

 000119

 C4C4FF

 C4C4FF

 ABABFF

 DEDEFF

 9191FF

 F7F7FF

 7878FF

FFFFFF

 5E5EFF

 4545FF

 2B2BFF

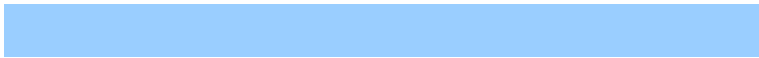
 1212FF

 0000FF

# Harmonies

## Analogous

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



9ACEFF



C4C4FF



E8BAED

# Triad

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



C4C4FF



FBBB9B



85D9C1

# Complementary

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



C4C4FF



FFFFC4

# 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.



A5D5A5



C4C4FF



E5C58F

# Square

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



C4C4FF



FFB5B4



C7CE92



70D9DF

# Rectangle

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



C4C4FF



F9B5DB



C7CE92



8FD8B7



# Sweetspot

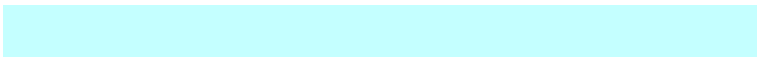
The Sweet Spot groups the original color and five complimentary colors.



C4C4FF



EDEDFF



C4FFFF



757580



000000



808080



# Same Dimension

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



C4C4FF



B8B8FF



E2C4FF



737380



0000BF



000040



# Inverse Universe

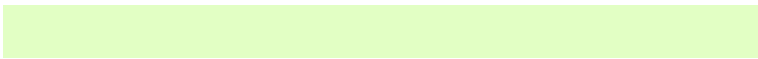
The Inverse Universe completely reimagines the original color for something new.



FFC4FF



FFB8FF



E2FFC4



807380



BF00BF

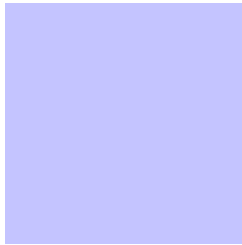


400040



# Previews

## White Background



This preview shows how the Hex color C4C4FF looks on a white background.

## Color Contrast Check

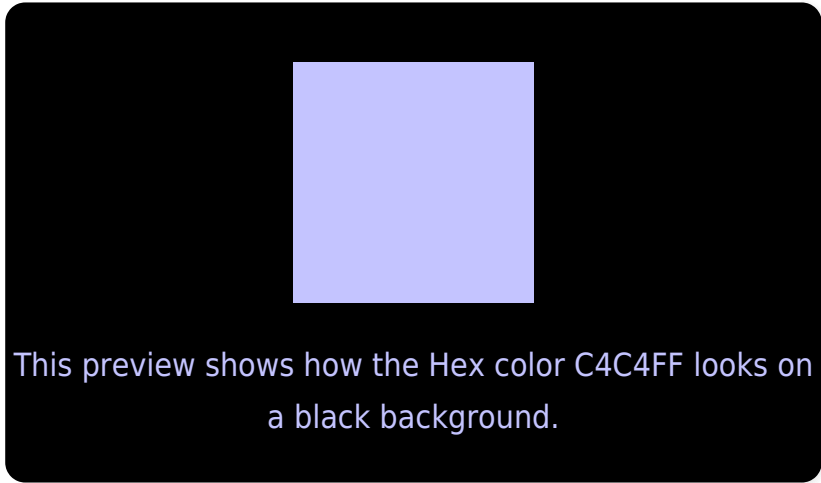
Large Text (above 18pt) WCAG AA × Fail

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

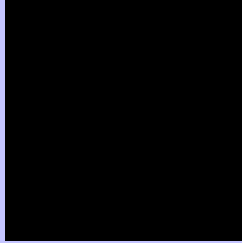
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C4C4FF Background



This preview shows how black text looks on a background with the Hex color C4C4FF.



This preview shows how white text looks on a background with the Hex color C4C4FF.

# Color Blindness Simulation

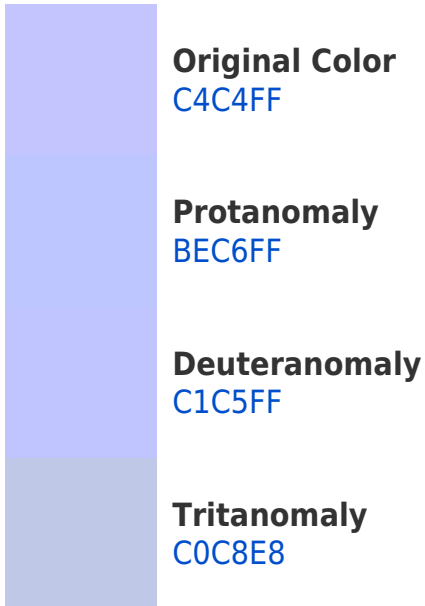
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

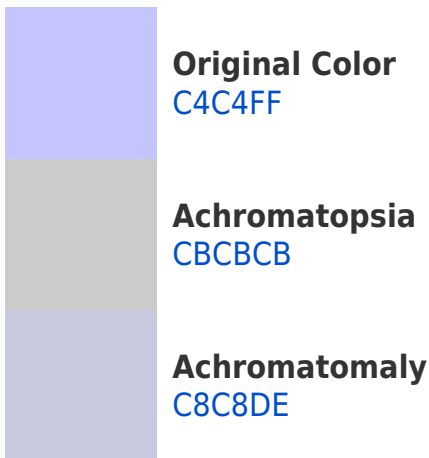




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4C4FF 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 #C4C4FF looks like.

```
.text, #text, p{  
  color:#C4C4FF  
}
```

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 #C4C4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4C4FF
}
```

## Border

The CSS property to change the border of an element to Hex C4C4FF 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
#C4C4FF }
```

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

```
.border{ border-color:#C4C4FF }
```

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

Here you see how a box with a 4 pixel #C4C4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4C4FF; -webkit-box-shadow:4px 4px  
4px 4px #C4C4FF; box-shadow:4px 4px 4px  
4px #C4C4FF }
```

# Background

The CSS property to change the background color of an element to Hex C4C4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4C4FF }
```

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

```
.background{ background-color:#C4C4FF }
```

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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