

Converting Colors

Hex(C4AFF2)

Have a look what the booklet for
Hex(C4AFF2) contains.

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Color

Hex(C4AFF2)

Conversions

Conversions Part 1

Format	Color
Hex	C4AFF2
RGB	196, 175, 242
RGB Percent	77%, 69%, 95%
CMY	0.2314, 0.3137, 0.0510
CMYK	0.19, 0.28, 0.00, 0.05
HSL	259°, 72%, 82%
HSV	259°, 28%, 95%
XYZ	54.1219, 48.8065, 90.5725
YIQ	188.9170, -8.9910, 25.2890

Conversions

Conversions Part 2

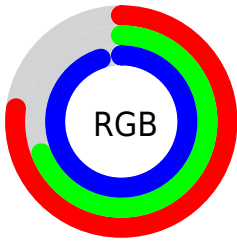
Format	Color
RYB	196, 175, 242
Decimal	12890098
CIELab	75.33, 20.76, -30.63
CIELCh	75, 37.000, 304.131
Yxy	48.8065, 0.2797, 0.2522
Android (android.graphics.Color)	4291080178 (0xFFC4AFF2)
YUV	188.9170, 26.1699, 6.2118
Hunter-Lab	69.8617, 16.0263, -27.9636

Details

The Hex color **C4AFF2** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **DDF2AF**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FDE7FF**, and **8D7ABA** is the 20% darker color. If you saturate the color by 10%, you get **B397F2**, and if you desaturate by 10%, it is **D5C7F2**.

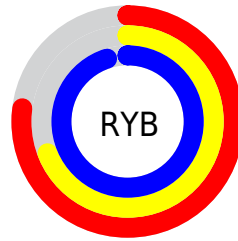
Distribution



Red (77%)

Green (69%)

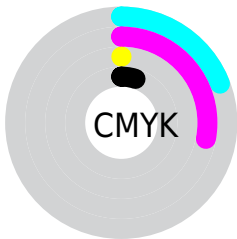
Blue (95%)



Red (77%)

Yellow (69%)

Blue (95%)

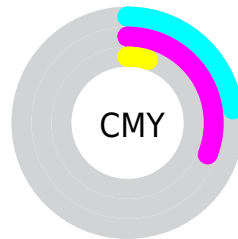


Cyan (19%)

Magenta (28%)

Yellow (0%)

Black (5%)



Cyan (23%)

Magenta (31%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4AFF2 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 C4AFF2 by changing the saturation by 10% instead.

 C4AFF2

 C4AFF2

FFFFFF

 A894D5

 FDE7FF

 8D7ABA

 73619F

 5A4A84

 41336B

 291D52

 11073B

 000225

 00010D

 C4AFF2

 C4AFF2

 B397F2

 D5C7F2

 A37FF2

 E5DFF2

 9266F2

 F6F8F2

 824EF2

 FFFFF2

 7136F2

 601EF2

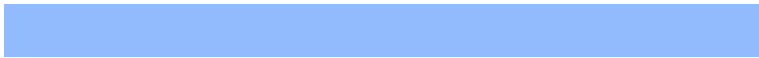
 5006F2

 4C00F2

Harmonies

Analogous

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



92BBFD



C4AFF2



E9A4D8

Triad

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



C4AFF2



E9AD7D



55CCBD

Complementary

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



C4AFF2



DDF2AF

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.



7FC99B



C4AFF2



CCB975

Square

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



C4AFF2



FAA395



A8C380



3CCBDF

Rectangle

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



C4AFF2



F7A0C2



A8C380



62CCB1

Sweetspot

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



C4AFF2



F1EBFF



AFDEF2



777380



000000



808080

Same Dimension

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



C4AFF2



C5ABFF



E5AFF2



706C78



3A00B8



120038

Inverse Universe

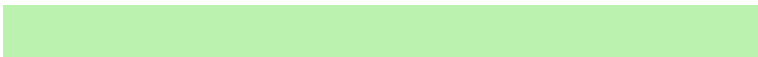
The Inverse Universe completely reimagines the original color for something new.



F2AFDD



FFABE5



BCF2AF



786C74



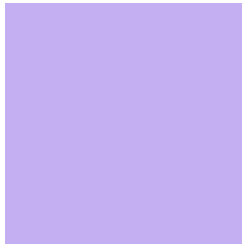
B8007E



380027

Previews

White Background



This preview shows how the Hex color C4AFF2 looks on a white background.

Color Contrast Check

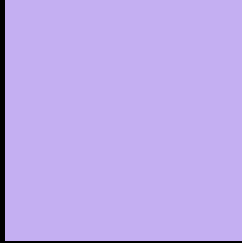
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color C4AFF2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

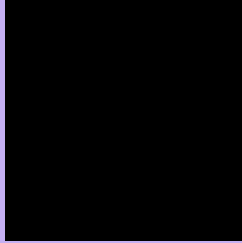
Any Text WCAG AA ✓ Pass

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 C4AFF2 Background



This preview shows how black text looks on a background with the Hex color C4AFF2.

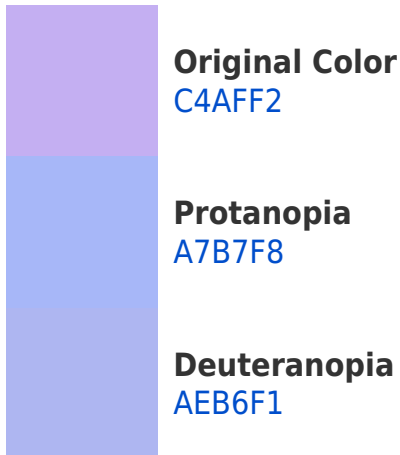


This preview shows how white text looks on a background with the Hex color C4AFF2.

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](#).

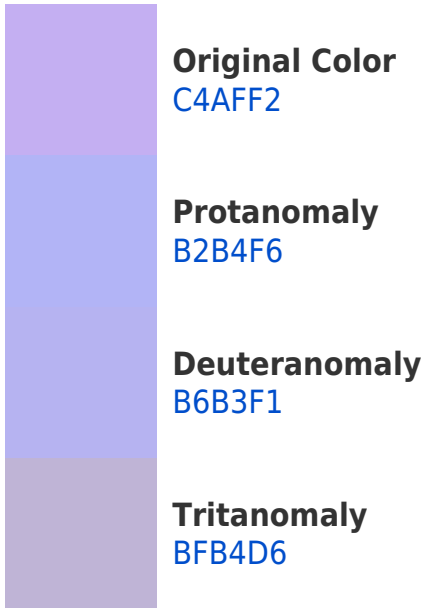
Dichromacy



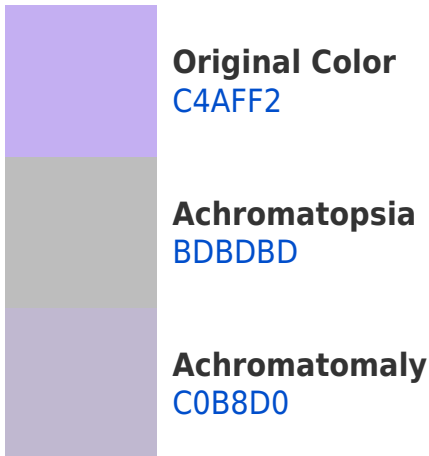


Tritanopia
BCB7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C4AFF2 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 #C4AFF2 looks like.

```
.text, #text, p{  
    color:#C4AFF2  
}
```

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 #C4AFF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4AFF2  
}
```

Border

The CSS property to change the border of an element to Hex C4AFF2 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  
#C4AFF2 }
```

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

```
.border{ border-color:#C4AFF2 }
```

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

Here you see how a box with a 4 pixel #C4AFF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4AFF2; -webkit-box-shadow:4px 4px  
4px 4px #C4AFF2; box-shadow:4px 4px 4px  
4px #C4AFF2 }
```

Background

The CSS property to change the background color of an element to Hex C4AFF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4AFF2 }
```

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

```
.background{ background-color:#C4AFF2 }
```

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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