

# Converting Colors

Hex(C6AFF7)

Have a look what the booklet for  
Hex(C6AFF7) contains.

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# **Color**

**Hex(C6AFF7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6AFF7
RGB	198, 175, 247
RGB Percent	78%, 69%, 97%
CMY	0.2235, 0.3137, 0.0314
CMYK	0.20, 0.29, 0.00, 0.03
HSL	259°, 82%, 83%
HSV	259°, 29%, 97%
XYZ	55.4072, 49.3811, 94.6069
YIQ	190.0850, -9.4040, 27.2680

# Conversions

## Conversions Part 2

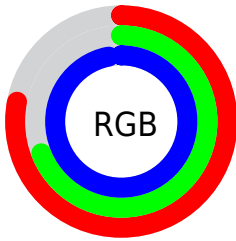
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	198, 175, 247
Decimal	13021175
CIE Lab	75.69, 22.48, -32.76
CIE LCh	76, 39.732, 304.450
Yxy	49.3811, 0.2779, 0.2477
Android (android.graphics.Color)	4291211255 (0xFFC6AFF7)
YUV	190.0850, 28.0591, 6.9415
Hunter-Lab	70.2717, 17.7666, -30.6321

# Details

The Hex color **C6AFF7** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **E0F7AF**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFE7FF**, and **8F7ABE** is the 20% darker color. If you saturate the color by 10%, you get **B596F7**, and if you desaturate by 10%, it is **D7C8F7**.

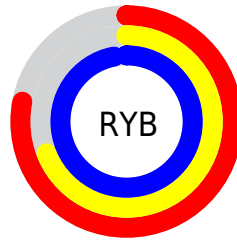
# Distribution



Red (78%)

Green (69%)

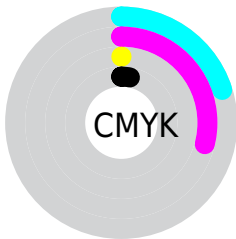
Blue (97%)



Red (78%)

Yellow (69%)

Blue (97%)

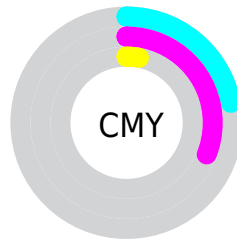


Cyan (20%)

Magenta (29%)

Yellow (0%)

Black (3%)



Cyan (22%)

Magenta (31%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6AFF7 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 C6AFF7 by changing the saturation by 10% instead.



 C6AFF7

FFFFFF

 FFE7FF

 C6AFF7

 AA94DA

 8F7ABE

 7561A3

 5B4989

 42336F

 291D56

 10073F

 000028

 000112

 C6AFF7

 C6AFF7

 B596F7

 D7C8F7

 A47EF7

 E8E0F7


 9465F7

 F8F9F7

 834CF7

 FFFFF7

 7234F7

 611BF7

 5002F7

 4F00F7

# Harmonies

## Analogous

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



8FBCFF



C6AFF7



EDA3DB

# Triad

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



C6AFF7



EDAD79



48CEBF

# Complementary

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



C6AFF7



E0F7AF

# 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.



7ACB9A



C6AFF7



CDBA71

# Square

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



C6AFF7



FFA293



A6C57D



20CDE3

# Rectangle

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



C6AFF7



FC9FC3



A6C57D



59CEB2



# Sweetspot

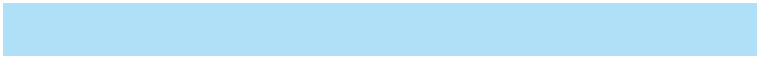
The Sweet Spot groups the original color and five complimentary colors.



C6AFF7



EFE8FF



AFE0F7



767180



000000



808080



# Same Dimension

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



C6AFF7



C2A6FF



EAAFF7



726E7A



3B00BA



13003B



# Inverse Universe

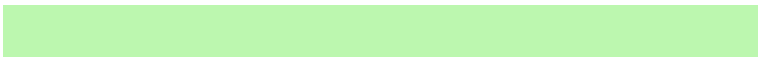
The Inverse Universe completely reimagines the original color for something new.



F7AFE0



FFA6E2



BCF7AF



7A6E76



BA007F

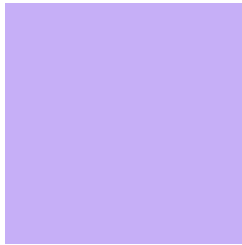


3B0028



# Previews

## White Background



This preview shows how the Hex color C6AFF7 looks on a white background.

## Color Contrast Check

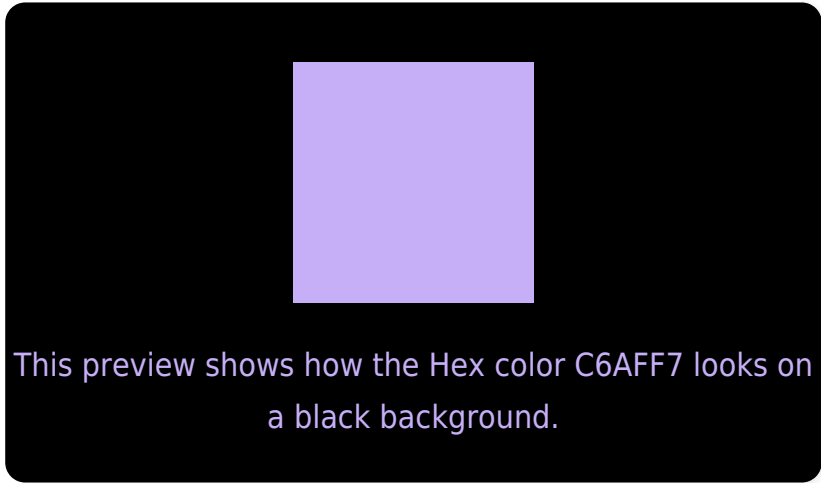
Large Text (above 18pt) WCAG AA × Fail

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 C6AFF7 Background



This preview shows how black text looks on a background with the Hex color C6AFF7.

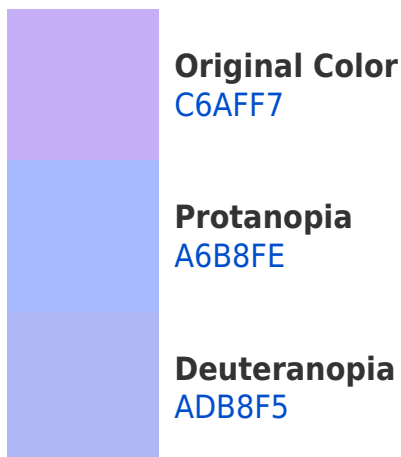


This preview shows how white text looks on a background with the Hex color C6AFF7.

# 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](#).

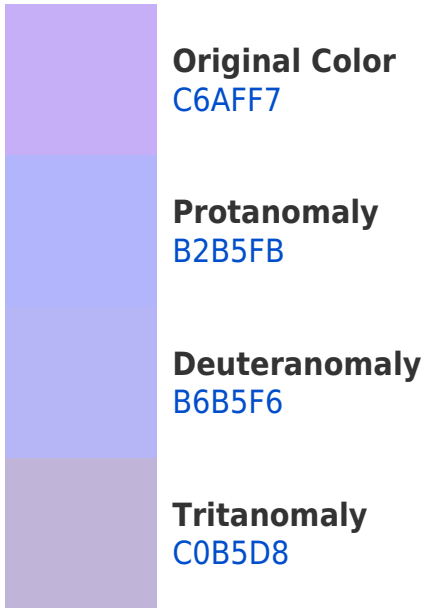
## Dichromacy



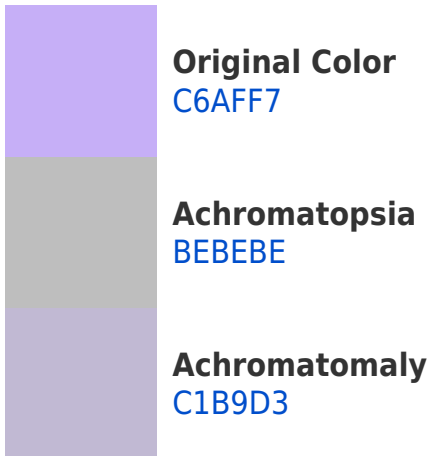


**Tritanopia**  
BDB8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6AFF7 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 #C6AFF7 looks like.

```
.text, #text, p{  
    color:#C6AFF7  
}
```

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 #C6AFF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6AFF7
}
```

## Border

The CSS property to change the border of an element to Hex C6AFF7 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
#C6AFF7 }
```

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

```
.border{ border-color:#C6AFF7 }
```

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

Here you see how a box with a 4 pixel #C6AFF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6AFF7; -webkit-box-shadow:4px 4px  
4px 4px #C6AFF7; box-shadow:4px 4px 4px  
4px #C6AFF7 }
```

# Background

The CSS property to change the background color of an element to Hex C6AFF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6AFF7 }
```

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

```
.background{ background-color:#C6AFF7 }
```

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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