

# Converting Colors

Hex(C3A8FF)

Have a look what the booklet for  
Hex(C3A8FF) contains.

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# **Color**

**Hex(C3A8FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3A8FF
RGB	195, 168, 255
RGB Percent	76%, 66%, 100%
CMY	0.2353, 0.3412, 0.0000
CMYK	0.24, 0.34, 0.00, 0.00
HSL	259°, 100%, 83%
HSV	259°, 34%, 100%
XYZ	54.5583, 46.8274, 100.7708
YIQ	185.9910, -11.8350, 32.7810

# Conversions

## Conversions Part 2

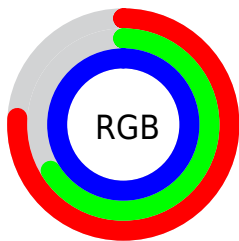
Format	Color
R <sub>Y</sub> B	195, 168, 255
Decimal	12822783
CIE Lab	74.08, 27.27, -39.60
CIE LCh	74, 48.075, 304.552
Yxy	46.8274, 0.2699, 0.2316
Android (android.graphics.Color)	4291012863 (0xFFC3A8FF)
YUV	185.9910, 34.0214, 7.9009
Hunter-Lab	68.4305, 22.5611, -39.4091

# Details

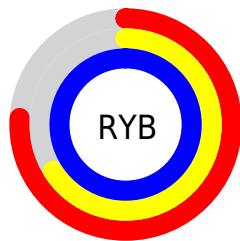
The Hex color **C3A8FF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **E4FFA8**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FDDFFF**, and **8C74C6** is the 20% darker color. If you saturate the color by 10%, you get **B18FFF**, and if you desaturate by 10%, it is **D5C2FF**.

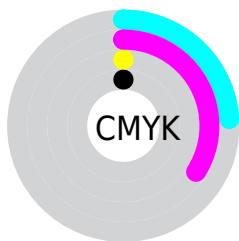
# Distribution



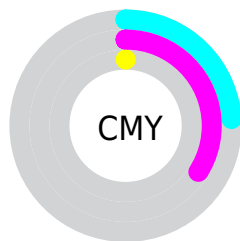
- Red (76%)
- Green (66%)
- Blue (100%)



- Red (76%)
- Yellow (66%)
- Blue (100%)



- Cyan (24%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (34%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3A8FF 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 C3A8FF by changing the saturation by 10% instead.



 C3A8FF

 C3A8FF


FFFFFF

 A78DE2

 FDDFFF

 8C74C6

 FFFCFF

 715BAA

 574390

 3D2C76

 23175C

 050044

 00022D

 000118

 C3A8FF

 C3A8FF

 B18FFF

 D5C2FF

 A075FF

 E6DBFF

 8E5BFF

 F8F5FF

 7D42FF

FFFFFF

 6B28FF

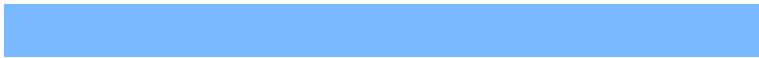
 590FFF

 4F00FF

# Harmonies

## Analogous

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



7AB8FF



C3A8FF



F399DD

# Triad

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



C3A8FF



F0A667



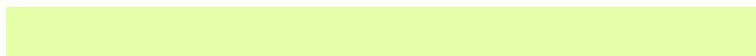
00CDBC

# Complementary

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



C3A8FF



E4FFA8

# 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.



63CA8F



C3A8FF



CBB65C

# Square

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



C3A8FF



FF9886



9CC26B



00CBE7

# Rectangle

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



C3A8FF



FF93C0



9CC26B



26CCAC



# Sweetspot

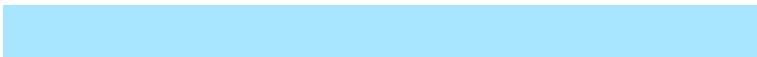
The Sweet Spot groups the original color and five complimentary colors.



C3A8FF



EDE6FF



A8E5FF



757080



000000



808080



# Same Dimension

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



C3A8FF



B796FF



EEA8FF



777380



3B00BF



140040



# Inverse Universe

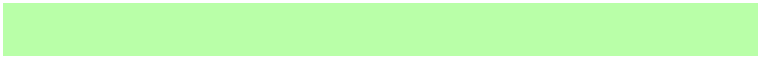
The Inverse Universe completely reimagines the original color for something new.



FFA8E4



FF96DF



B9FFA8



80737C



BF0084

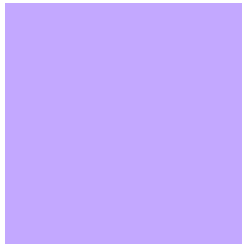


40002C



# Previews

## White Background



This preview shows how the Hex color C3A8FF looks on a white background.

## Color Contrast Check

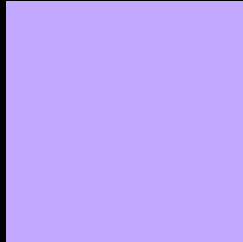
Large Text (above 18pt) WCAG AA × Fail

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 C3A8FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

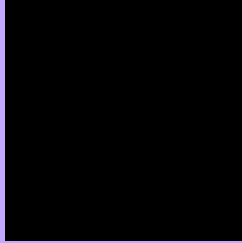
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C3A8FF Background



This preview shows how black text looks on a background with the Hex color C3A8FF.

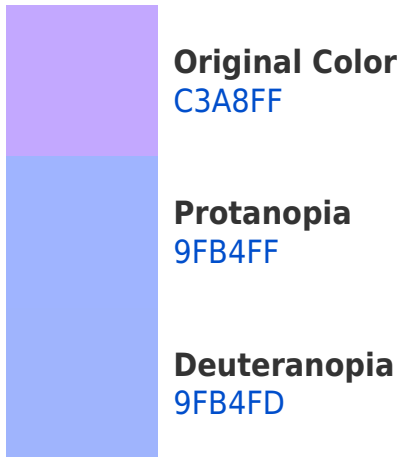


This preview shows how white text looks on a background with the Hex color C3A8FF.

# 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](#).

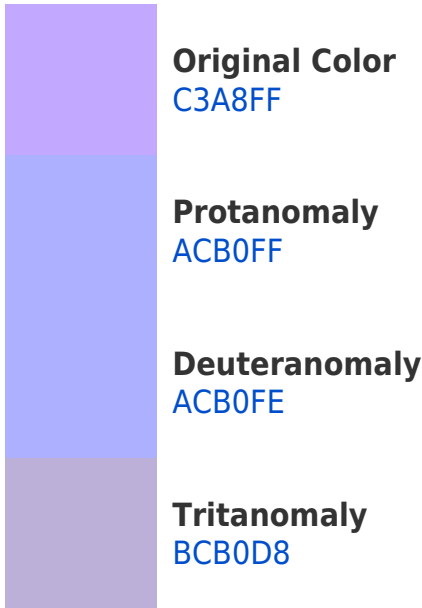
## Dichromacy



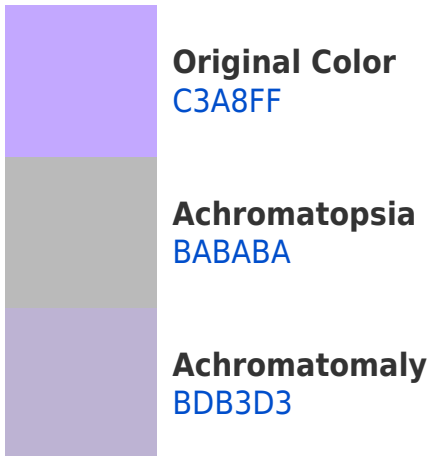


**Tritanopia**  
B8B4C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3A8FF 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 #C3A8FF looks like.

```
.text, #text, p{  
    color:#C3A8FF  
}
```

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 #C3A8FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3A8FF
}
```

## Border

The CSS property to change the border of an element to Hex C3A8FF 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
#C3A8FF }
```

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

```
.border{ border-color:#C3A8FF }
```

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

Here you see how a box with a 4 pixel #C3A8FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3A8FF; -webkit-box-shadow:4px 4px  
4px 4px #C3A8FF; box-shadow:4px 4px 4px  
4px #C3A8FF }
```

# Background

The CSS property to change the background color of an element to Hex C3A8FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3A8FF }
```

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

```
.background{ background-color:#C3A8FF }
```

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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