

# Converting Colors

Hex(C5A1FF)

Have a look what the booklet for  
Hex(C5A1FF) contains.

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# **Color**

**Hex(C5A1FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5A1FF
RGB	197, 161, 255
RGB Percent	77%, 63%, 100%
CMY	0.2275, 0.3686, 0.0000
CMYK	0.23, 0.37, 0.00, 0.00
HSL	263°, 100%, 82%
HSV	263°, 37%, 100%
XYZ	53.8208, 44.5801, 100.3759
YIQ	182.4800, -8.7180, 36.8660

# Conversions

## Conversions Part 2

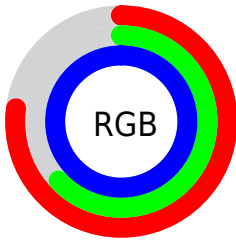
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">197, 161, 255</a>
Decimal	<a href="#">12952063</a>
<a href="#">CIELab</a>	<a href="#">72.61, 31.70, -41.87</a>
<a href="#">CIELCh</a>	<a href="#">73, 52.512, 307.131</a>
<a href="#">Yxy</a>	<a href="#">44.5801, 0.2708, 0.2243</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4291142143 (0xFFC5A1FF)</a>
<a href="#">YUV</a>	<a href="#">182.4800, 35.7524, 12.7340</a>
<a href="#">Hunter-Lab</a>	<a href="#">66.7683, 27.0414, -42.3956</a>

# Details

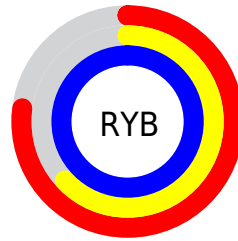
The Hex color **C5A1FF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **DBFFA1**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFD8FF**, and **8D6DC6** is the 20% darker color. If you saturate the color by 10%, you get **B587FF**, and if you desaturate by 10%, it is **D5BBFF**.

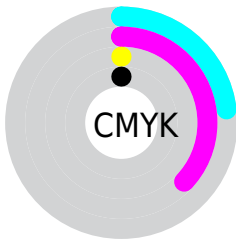
# Distribution



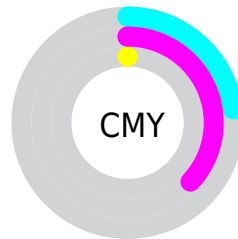
- Red (77%)
- Green (63%)
- Blue (100%)



- Red (77%)
- Yellow (63%)
- Blue (100%)



- Cyan (23%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (37%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5A1FF 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 C5A1FF by changing the saturation by 10% instead.



 C5A1FF

 C5A1FF

FFFFFF

 A987E2

 FFD8FF

 8D6DC6

 FFF5FF

 7354AA

 583C8F

 3E2675

 24105C

 090044

 00032D

 000117

 C5A1FF

 C5A1FF

 B587FF

 D5BBFF

 A66EFF

 E4D4FF

 9654FF

 F4EEFF

 863BFF

FFFFFF

 7621FF

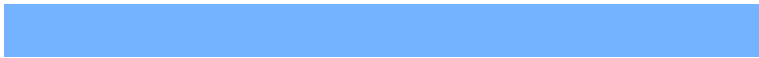
 6708FF

 6200FF

# Harmonies

## Analogous

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



74B3FF



C5A1FF



F790D8

# Triad

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



C5A1FF



ECA259



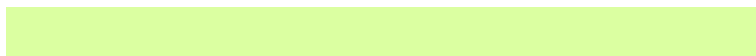
00CBBC

# Complementary

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



C5A1FF



DBFFA1

# 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.



4CC88B



C5A1FF



C4B34F

# Square

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



C5A1FF



FF927B



90C063



00C9EB

# Rectangle

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



C5A1FF



FF8AB9



90C063



00CAAC



# Sweetspot

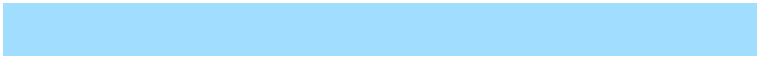
The Sweet Spot groups the original color and five complimentary colors.



C5A1FF



EEE3FF



A1DDFF



756F80



000000



808080



# Same Dimension

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



C5A1FF



BA8FFF



F2A1FF



787380



4900BF



180040



# Inverse Universe

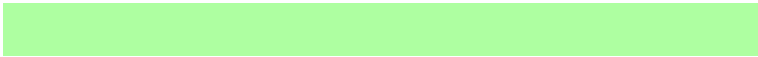
The Inverse Universe completely reimagines the original color for something new.



FFA1DB



FF8FD4



AEFFA1



80737B



BF0076

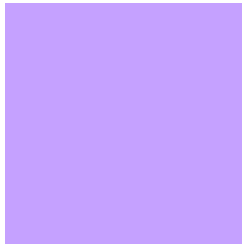


400027



# Previews

## White Background



This preview shows how the Hex color C5A1FF looks on a white background.

## Color Contrast Check

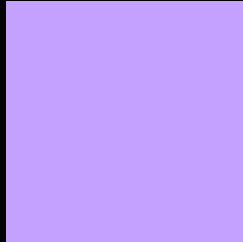
Large Text (above 18pt) WCAG AA × Fail

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 C5A1FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

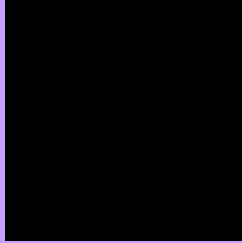
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C5A1FF Background



This preview shows how black text looks on a background with the Hex color C5A1FF.

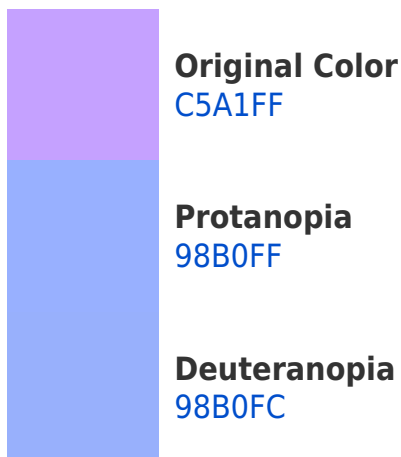


This preview shows how white text looks on a background with the Hex color C5A1FF.

# 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](#).

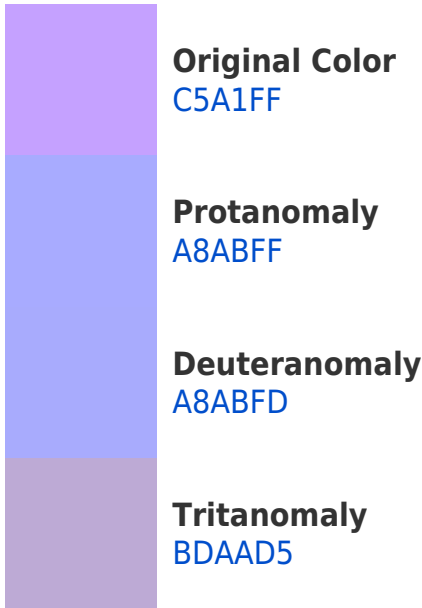
## Dichromacy



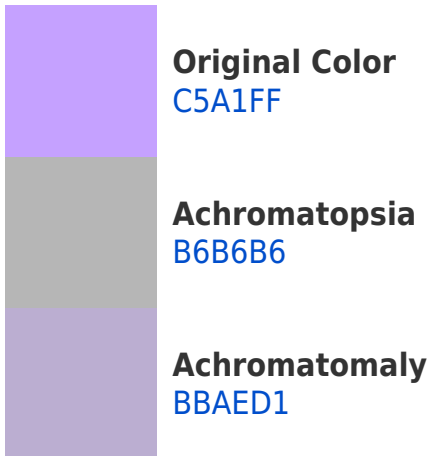


**Tritanopia**  
B9AFBD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5A1FF 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 #C5A1FF looks like.

```
.text, #text, p{  
    color:#C5A1FF  
}
```

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 #C5A1FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5A1FF
}
```

## Border

The CSS property to change the border of an element to Hex C5A1FF 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
#C5A1FF }
```

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

```
.border{ border-color:#C5A1FF }
```

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

Here you see how a box with a 4 pixel #C5A1FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5A1FF; -webkit-box-shadow:4px 4px  
4px 4px #C5A1FF; box-shadow:4px 4px 4px  
4px #C5A1FF }
```

# Background

The CSS property to change the background color of an element to Hex C5A1FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5A1FF }
```

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

```
.background{ background-color:#C5A1FF }
```

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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