

Converting Colors

Hex(C5A7FF)

Have a look what the booklet for
Hex(C5A7FF) contains.

Hex(C5A7FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C5A7FF)

Conversions

Conversions Part 1

Format	Color
Hex	C5A7FF
RGB	197, 167, 255
RGB Percent	77%, 65%, 100%
CMY	0.2275, 0.3451, 0.0000
CMYK	0.23, 0.35, 0.00, 0.00
HSL	260°, 100%, 83%
HSV	260°, 35%, 100%
XYZ	54.8947, 46.7277, 100.7338
YIQ	186.0020, -10.3680, 33.7280

Conversions

Conversions Part 2

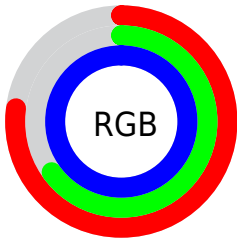
Format	Color
RYB	197, 167, 255
Decimal	12953599
CIELab	74.02, 28.39, -39.68
CIELCh	74, 48.794, 305.585
Yxy	46.7277, 0.2713, 0.2309
Android (android.graphics.Color)	4291143679 (0xFFC5A7FF)
YUV	186.0020, 34.0160, 9.6452
Hunter-Lab	68.3577, 23.7185, -39.5210

Details

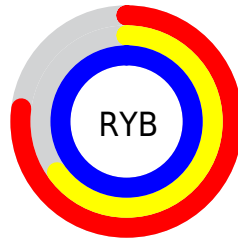
The Hex color **C5A7FF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **E1FFA7**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFDEFF**, and **8E73C6** is the 20% darker color. If you saturate the color by 10%, you get **B48EFF**, and if you desaturate by 10%, it is **D6C1FF**.

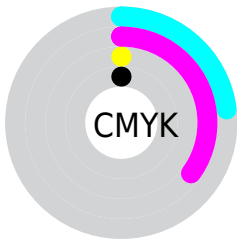
Distribution



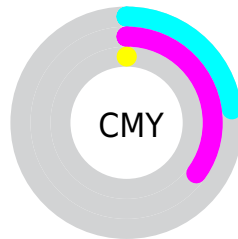
- Red (77%)
- Green (65%)
- Blue (100%)



- Red (77%)
- Yellow (65%)
- Blue (100%)



- Cyan (23%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color C5A7FF 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 C5A7FF by changing the saturation by 10% instead.

 C5A7FF

 C5A7FF

FFFFFF

 A98CE2

 FFDEFF

 8E73C6

 FFFBFF

 735AAA

 594290

 3F2B76

 25165C

 090044

 00012D

 000118

 C5A7FF

 C5A7FF

 B48EFF

 D6C1FF

 A374FF

 E7DAFF

 935BFF

 F7F4FF

 8241FF

FFFFFF

 7128FF

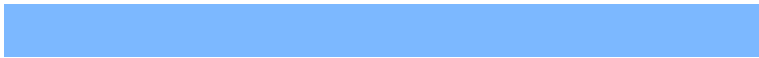
 600EFF

 5700FF

Harmonies

Analogous

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



7CB8FF



C5A7FF



F497DC

Triad

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



C5A7FF



EFA665



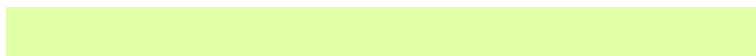
00CDBD

Complementary

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



C5A7FF



E1FFA7

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.



5FCA8F



C5A7FF



C9B65A

Square

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



C5A7FF



FF9784



9AC36B



00CBE9

Rectangle

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



C5A7FF



FF92BE



9AC36B



18CDAE

Sweetspot

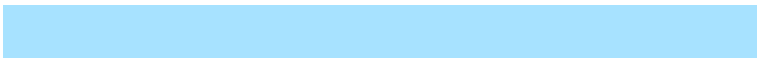
The Sweet Spot groups the original color and five complimentary colors.



C5A7FF



EEE6FF



A7E2FF



757080



000000



808080

Same Dimension

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



C5A7FF



BA96FF



F0A7FF



777380



4100BF



160040

Inverse Universe

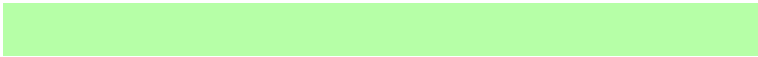
The Inverse Universe completely reimagines the original color for something new.



FFA7E1



FF96DB



B6FFA7



80737B



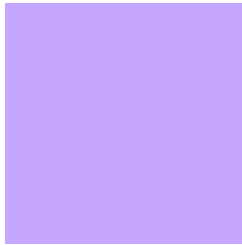
BF007E



40002A

Previews

White Background



This preview shows how the Hex color C5A7FF looks on a white background.

Color Contrast Check

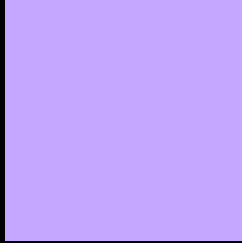
Large Text (above 18pt) WCAG AA × Fail

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 C5A7FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

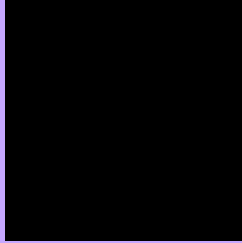
Any Text WCAG AA ✓ Pass

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 C5A7FF Background



This preview shows how black text looks on a background with the Hex color C5A7FF.

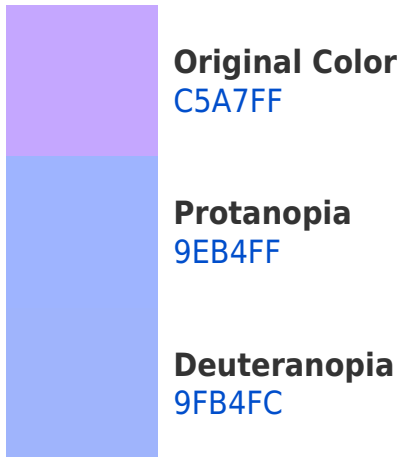


This preview shows how white text looks on a background with the Hex color C5A7FF.

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
BAB3C2

Trichromacy



Original Color
C5A7FF



Protanomaly
ACAFFF



Deuteranomaly
ADAFFD



Tritanomaly
BEAFD8

Monochromacy



Original Color
C5A7FF



Achromatopsia
BABABA



Achromatomaly
BEB3D3

CSS Examples

Text

The CSS property to change the color of the text to Hex C5A7FF 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 #C5A7FF looks like.

```
.text, #text, p{  
    color:#C5A7FF  
}
```

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 #C5A7FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5A7FF  
}
```

Border

The CSS property to change the border of an element to Hex C5A7FF 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  
#C5A7FF }
```

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

```
.border{ border-color:#C5A7FF }
```

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

Here you see how a box with a 4 pixel #C5A7FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5A7FF; -webkit-box-shadow:4px 4px  
4px 4px #C5A7FF; box-shadow:4px 4px 4px  
4px #C5A7FF }
```

Background

The CSS property to change the background color of an element to Hex C5A7FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5A7FF }
```

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

```
.background{ background-color:#C5A7FF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor