

# Converting Colors

Hex(C587FF)

Have a look what the booklet for  
Hex(C587FF) contains.

<b>Hex(C587FF)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(C587FF)

# Conversions

## Conversions Part 1

Format	Color
Hex	C587FF
RGB	197, 135, 255
RGB Percent	77%, 53%, 100%
CMY	0.2275, 0.4706, 0.0000
CMYK	0.23, 0.47, 0.00, 0.00
HSL	271°, 100%, 76%
HSV	271°, 47%, 100%
XYZ	49.7399, 36.4183, 99.0156
YIQ	167.2180, -1.5680, 50.4640

# Conversions

## Conversions Part 2

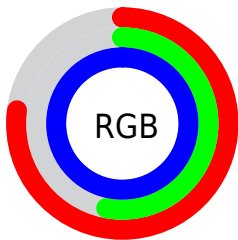
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">197, 135, 255</a>
Decimal	<a href="#">12945407</a>
CIELab	<a href="#">66.84, 45.86, -50.94</a>
CIElCh	<a href="#">67, 68.546, 311.998</a>
Yxy	<a href="#">36.4183, 0.2686, 0.1967</a>
Android (android.graphics.Color)	<a href="#">4291135487 (0xFFC587FF)</a>
YUV	<a href="#">167.2180, 43.2765, 26.1188</a>
Hunter-Lab	<a href="#">60.3475, 41.5159, -55.0371</a>

# Details

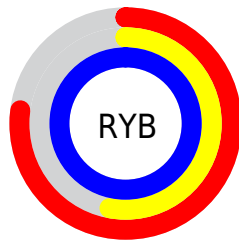
The Hex color **C587FF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C1FF87**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFBEFF**, and **8C53C6** is the 20% darker color. If you saturate the color by 10%, you get **B96EFF**, and if you desaturate by 10%, it is **D1A1FF**.

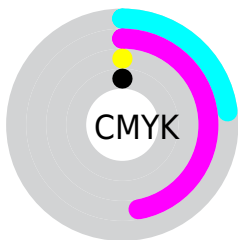
# Distribution



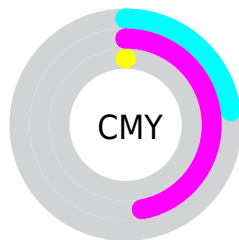
- Red (77%)
- Green (53%)
- Blue (100%)



- Red (77%)
- Yellow (53%)
- Blue (100%)



- Cyan (23%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (47%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C587FF 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 C587FF by changing the saturation by 10% instead.



 C587FF

FFFFFF

 FFBEFF


 FFDAFF

 FFF7FF

 C587FF

 A86DE2

 8C53C6

 713AAA

 56218F

 3A0475

 1D005B

 000043

 00032C

 000116

 C587FF

 C587FF

 B96EFF

 D1A1FF

 AC54FF

 DEBAFF

 A03AFF

 EAD4FF

 9421FF

 F6EDFF

 8708FF

FFFFFF

 8400FF

# Harmonies

## Analogous

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



4DA1FF



C587FF



FF6DCA

# Triad

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



C587FF



E09222



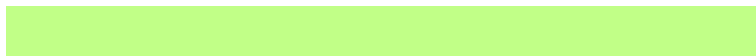
00C0BA

# Complementary

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



C587FF



C1FF87

# 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.



00BD7A



C587FF



AAA710

# Square

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



C587FF



FF7853



65B63F



00BDF4

# Rectangle

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



C587FF



FF65A1



65B63F



00BFA5



# Sweetspot

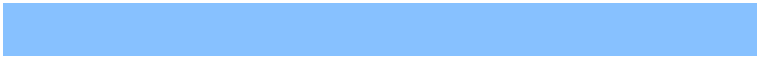
The Sweet Spot groups the original color and five complimentary colors.



C587FF



EEDBFF



87C1FF



756A80



000000



808080



# Same Dimension

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



C587FF



BA70FF



FF87FD



797380



6300BF



210040



# Inverse Universe

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



FF87C1



FF70B5



87FF89



807379



BF005C

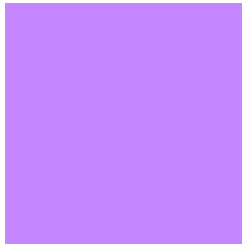


40001F



# Previews

## White Background



This preview shows how the Hex color C587FF 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

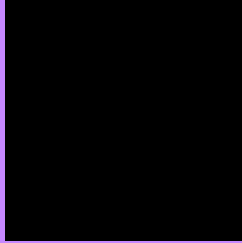
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C587FF Background



This preview shows how black text looks on a background with the Hex color C587FF.

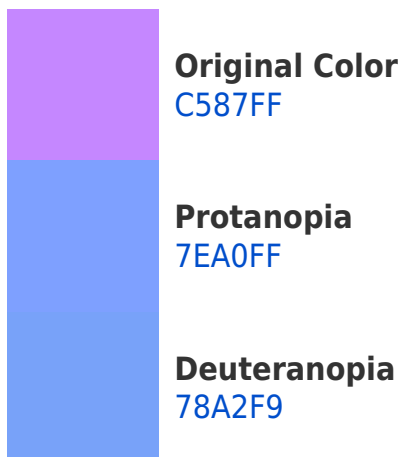


This preview shows how white text looks on a background with the Hex color C587FF.

# 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](#).

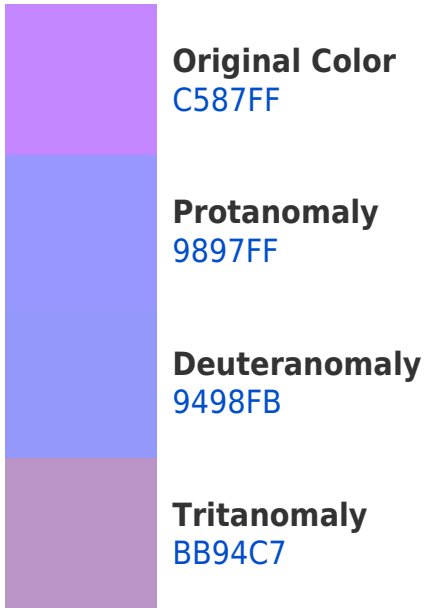
## Dichromacy



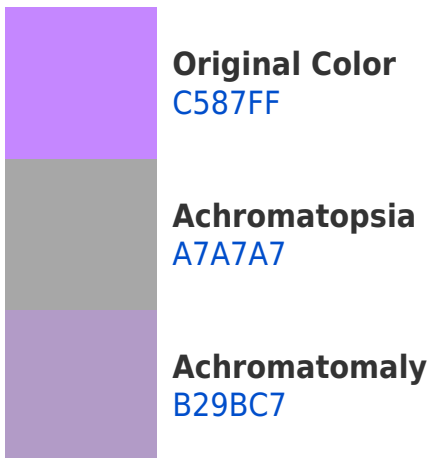


**Tritanopia**  
B69BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C587FF 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 #C587FF looks like.

```
.text, #text, p{  
    color:#C587FF  
}
```

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 #C587FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C587FF
}
```

## Border

The CSS property to change the border of an element to Hex C587FF 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".

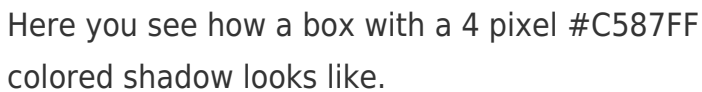
```
.border, #border, table{ border:4px solid
#C587FF }
```

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

```
.border{ border-color:#C587FF }
```

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

Here you see how a box with a 4 pixel #C587FF colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is slightly offset to the right, creating a shadow effect. The text inside the box is black.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C587FF; -webkit-box-shadow:4px 4px  
4px 4px #C587FF; box-shadow:4px 4px 4px  
4px #C587FF }
```

# Background

The CSS property to change the background color of an element to Hex C587FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C587FF }
```

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

```
.background{ background-color:#C587FF }
```

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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