

# Converting Colors

Hex(C893FF)

Have a look what the booklet for  
Hex(C893FF) contains.

<b>Hex(C893FF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(C893FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C893FF
RGB	200, 147, 255
RGB Percent	78%, 58%, 100%
CMY	0.2157, 0.4235, 0.0000
CMYK	0.22, 0.42, 0.00, 0.00
HSL	269°, 100%, 79%
HSV	269°, 42%, 100%
XYZ	52.3031, 40.3668, 99.6426
YIQ	175.1590, -3.0800, 44.8240

# Conversions

## Conversions Part 2

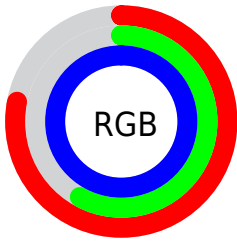
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	200, 147, 255
Decimal	13145087
CIE Lab	69.73, 40.21, -46.36
CIE LCh	70, 61.369, 310.931
Yxy	40.3668, 0.2720, 0.2099
Android (android.graphics.Color)	4291335167 (0xFFC893FF)
YUV	175.1590, 39.3616, 21.7856
Hunter-Lab	63.5349, 35.7586, -48.5109

# Details

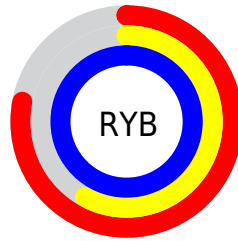
The Hex color **C893FF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **CAFF93**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFCAFF**, and **905FC6** is the 20% darker color. If you saturate the color by 10%, you get **BB7AFF**, and if you desaturate by 10%, it is **D5ACFF**.

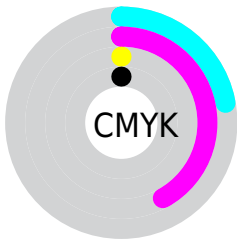
# Distribution



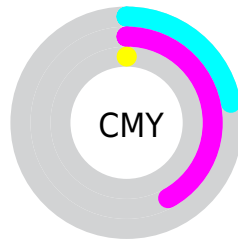
- Red (78%)
- Green (58%)
- Blue (100%)



- Red (78%)
- Yellow (58%)
- Blue (100%)



- Cyan (22%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (42%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C893FF 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 C893FF by changing the saturation by 10% instead.



 C893FF

 C893FF

FFFFFF

 AC79E2

 FFCAFF

 905FC6

 FFE6FF

 7546AA

 5A2E8F

 3F1675

 24005C

 0D0044

 00032C

 000117

 C893FF

 C893FF

 BB7AFF

 D5ACFF

 AE60FF

 E2C6FF

 A146FF

 EFE0FF

 942DFF

 FCF9FF

 8713FF

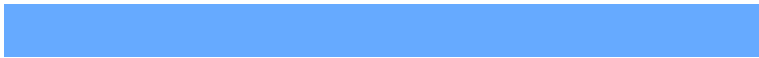
FFFFFF

 7D00FF

# Harmonies

## Analogous

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



66AAFF



C893FF



FD7ED0

# Triad

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



C893FF



E59B3D



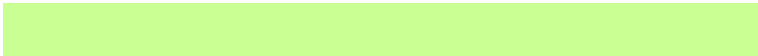
00C6BE

# Complementary

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



C893FF



CAFF93

# 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.



00C384



C893FF



B5AE33

# Square

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



C893FF



FF8564



78BC51



00C3F2

# Rectangle

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



C893FF



FF77AB



78BC51



00C5AA



# Sweetspot

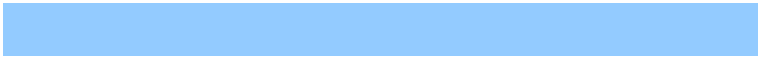
The Sweet Spot groups the original color and five complimentary colors.



C893FF



EEDEFF



93CBFF



756B80



000000



808080



# Same Dimension

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



C893FF



BD7DFF



FD93FF



797380



5E00BF



1F0040



# Inverse Universe

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



FF93CA



FF7DBF



95FF93



807379



BF0061

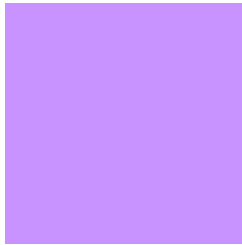


400020



# Previews

## White Background



This preview shows how the Hex color C893FF looks on a white background.

## Color Contrast Check

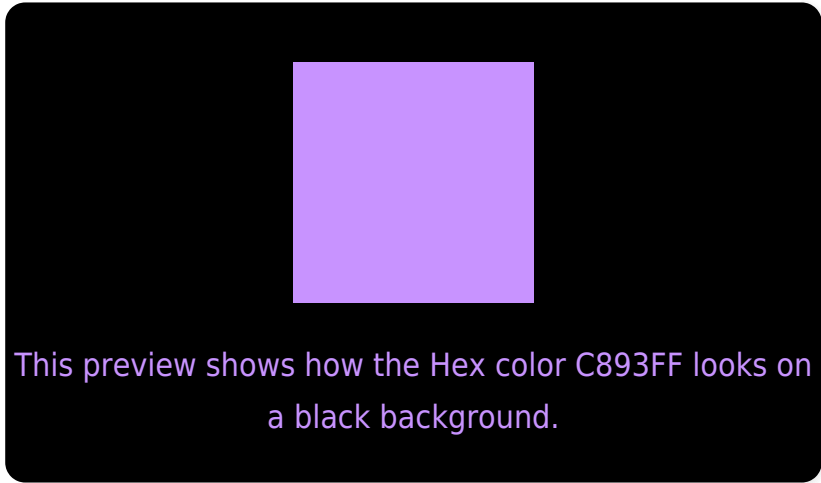
Large Text (above 18pt) WCAG AA × Fail

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

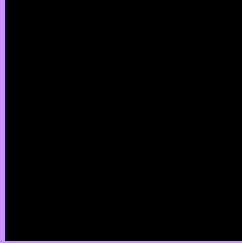
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C893FF Background



This preview shows how black text looks on a background with the Hex color C893FF.

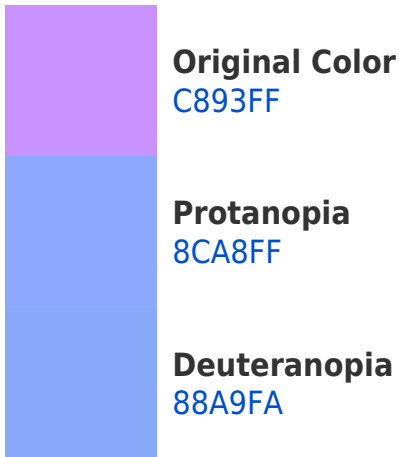


This preview shows how white text looks on a background with the Hex color C893FF.

# Color Blindness Simulation

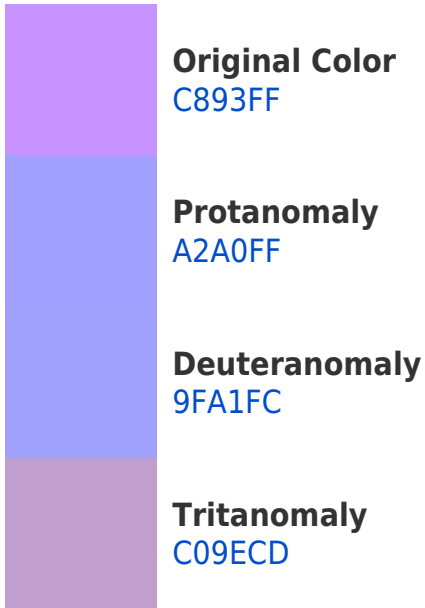
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

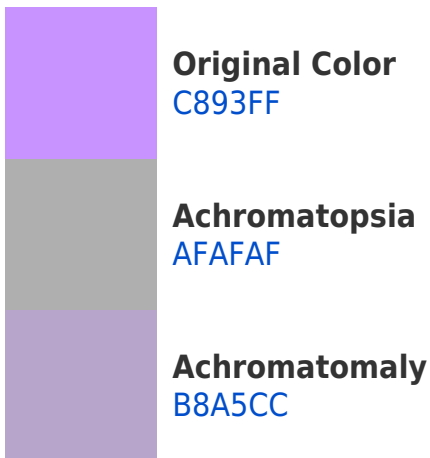




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C893FF 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 #C893FF looks like.

```
.text, #text, p{  
    color:#C893FF  
}
```

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 #C893FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C893FF
}
```

## Border

The CSS property to change the border of an element to Hex C893FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

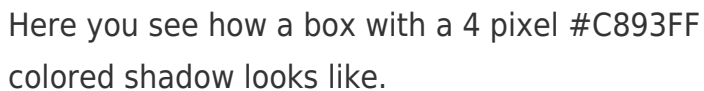
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C893FF }
```

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

```
.border{ border-color:#C893FF }
```

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



Here you see how a box with a 4 pixel `#C893FF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C893FF; -webkit-box-shadow:4px 4px  
4px 4px #C893FF; box-shadow:4px 4px 4px  
4px #C893FF }
```

# Background

The CSS property to change the background color of an element to Hex C893FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C893FF }
```

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

```
.background{ background-color:#C893FF }
```

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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