

# Converting Colors

Hex(C193FC)

Have a look what the booklet for  
Hex(C193FC) contains.

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# **Color**

**Hex(C193FC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C193FC
RGB	193, 147, 252
RGB Percent	76%, 58%, 99%
CMY	0.2431, 0.4235, 0.0118
CMYK	0.23, 0.42, 0.00, 0.01
HSL	266°, 95%, 78%
HSV	266°, 42%, 99%
XYZ	49.9967, 39.2332, 97.0331
YIQ	172.7240, -6.2890, 42.4070

# Conversions

## Conversions Part 2

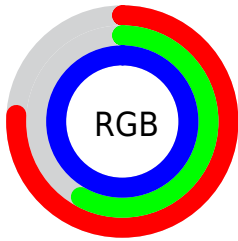
Format	Color
R <sub>Y</sub> B	193, 147, 252
Decimal	12686332
CIE Lab	68.92, 37.58, -46.05
CIE LCh	69, 59.441, 309.220
Yxy	39.2332, 0.2684, 0.2106
Android (android.graphics.Color)	4290876412 (0xFFC193FC)
YUV	172.7240, 39.0831, 17.7821
Hunter-Lab	62.6364, 32.8661, -48.0036

# Details

The Hex color **C193FC** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **CEFC93**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FBCAFF**, and **895FC3** is the 20% darker color. If you saturate the color by 10%, you get **B37AFC**, and if you desaturate by 10%, it is **CFACFC**.

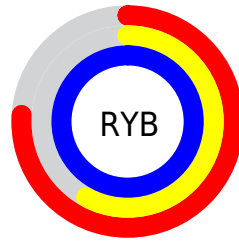
# Distribution



Red (76%)

Green (58%)

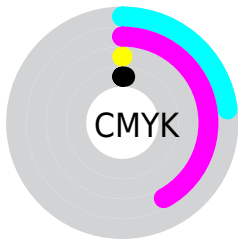
Blue (99%)



Red (76%)

Yellow (58%)

Blue (99%)

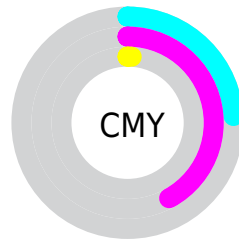


Cyan (23%)

Magenta (42%)

Yellow (0%)

Black (1%)



Cyan (24%)

Magenta (42%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C193FC 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 C193FC by changing the saturation by 10% instead.



 C193FC

 C193FC

FFFFFF

 A579DF

 FBCAFF

 895FC3

 FFE6FF

 6E47A7

 532F8D

 391872

 1D0059

 030041

 00032A

 000114

 C193FC

 C193FC

 B37AFC

 CFACFC

 A561FC

 DDC5FC

 9747FC

 EBDFFC

 882EFC

 FAF8FC

 7A15FC

FFFFFC

 6E00FC

# Harmonies

## Analogous

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



60A9FF



C193FC



F67ED0

# Triad

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



C193FC



E49841



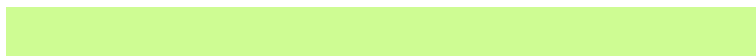
00C3B8

# Complementary

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



C193FC



CEFC93

# 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.



02C080



C193FC



B6AB36

# Square

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



C193FC



FF8367



7CB850



00C0EB

# Rectangle

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



C193FC



FF78AC



7CB850



00C2A5



# Sweetspot

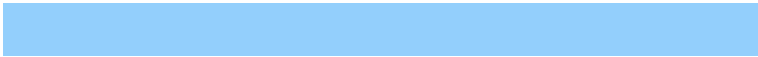
The Sweet Spot groups the original color and five complimentary colors.



C193FC



ECDEFF



93CFFC



746B80



000000



808080



# Same Dimension

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



C193FC



B780FF



F593FC



76707D



5300BD



1B003D



# Inverse Universe

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



FC93CE



FF80C7



9AFC93



7D7077



BD006A

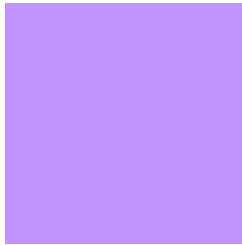


3D0022



# Previews

## White Background



This preview shows how the Hex color C193FC 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

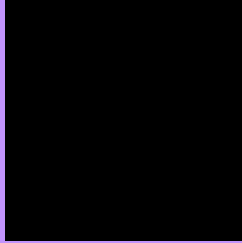
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C193FC Background



This preview shows how black text looks on a background with the Hex color C193FC.

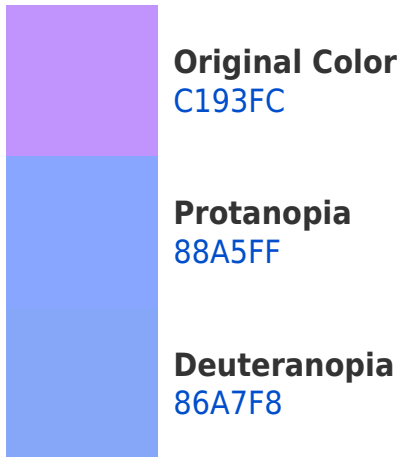


This preview shows how white text looks on a background with the Hex color C193FC.

# 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](#).

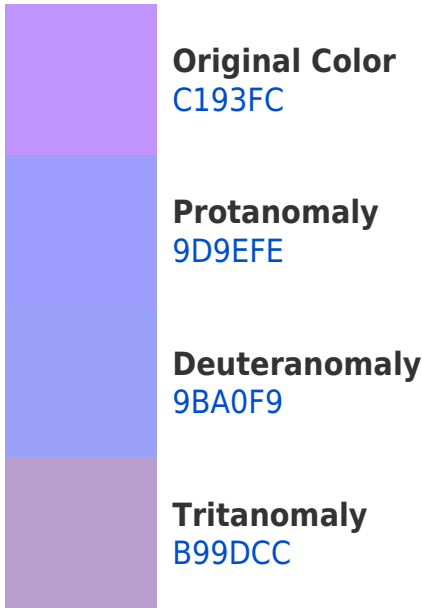
## Dichromacy



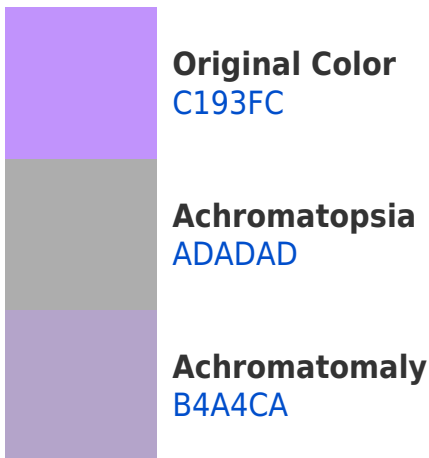


**Tritanopia**  
B4A3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C193FC 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 #C193FC looks like.

```
.text, #text, p{  
    color:#C193FC  
}
```

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 #C193FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C193FC
}
```

## Border

The CSS property to change the border of an element to Hex C193FC 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
#C193FC }
```

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

```
.border{ border-color:#C193FC }
```

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

Here you see how a box with a 4 pixel #C193FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C193FC; -webkit-box-shadow:4px 4px  
4px 4px #C193FC; box-shadow:4px 4px 4px  
4px #C193FC }
```

# Background

The CSS property to change the background color of an element to Hex C193FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C193FC }
```

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

```
.background{ background-color:#C193FC }
```

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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