

# Converting Colors

Hex(C891F7)

Have a look what the booklet for  
Hex(C891F7) contains.

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# Color

**Hex(C891F7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C891F7
RGB	200, 145, 247
RGB Percent	78%, 57%, 97%
CMY	0.2157, 0.4314, 0.0314
CMYK	0.19, 0.41, 0.00, 0.03
HSL	272°, 86%, 77%
HSV	272°, 41%, 97%
XYZ	50.7333, 39.2456, 92.8969
YIQ	173.0730, 0.0380, 43.3820

# Conversions

## Conversions Part 2

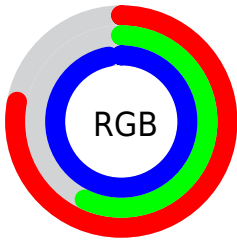
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	200, 145, 247
Decimal	13144567
CIE Lab	68.93, 39.52, -43.26
CIE LCh	69, 58.594, 312.412
Yxy	39.2456, 0.2774, 0.2146
Android (android.graphics.Color)	4291334647 (0xFFC891F7)
YUV	173.0730, 36.4460, 23.6150
Hunter-Lab	62.6463, 34.9251, -44.0676

# Details

The Hex color **C891F7** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C0F791**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFC8FF**, and **905DBE** is the 20% darker color. If you saturate the color by 10%, you get **BD78F7**, and if you desaturate by 10%, it is **D3AAF7**.

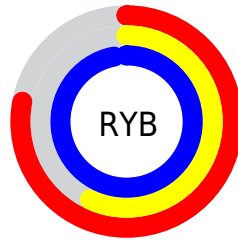
# Distribution



Red (78%)

Green (57%)

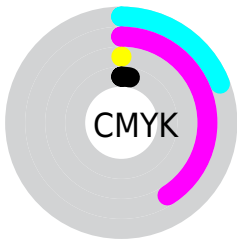
Blue (97%)



Red (78%)

Yellow (57%)

Blue (97%)

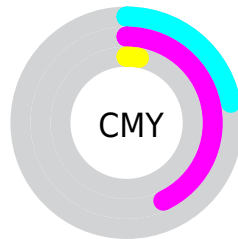


Cyan (19%)

Magenta (41%)

Yellow (0%)

Black (3%)



Cyan (22%)

Magenta (43%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C891F7 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 C891F7 by changing the saturation by 10% instead.



 C891F7

 C891F7

FFFFFF

 AC77DA

 FFC8FF

 905DBE

 FFE4FF

 7544A3

 5B2C88

 40146E

 260055

 10003E

 000327

 000110

 C891F7

 C891F7

 BD78F7

 D3AAF7

 B160F7

 DFC2F7

 A647F7

 EADBF7

 9A2EF7

 F6F4F7

 8F16F7

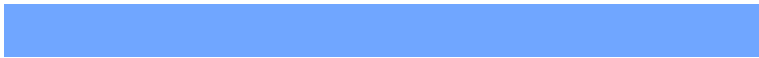
 FFFFF7

 8500F7

# Harmonies

## Analogous

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



70A6FF



C891F7



F97ECA

# Triad

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



C891F7



DF9A40



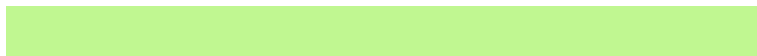
00C2BD

# Complementary

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



C891F7



C0F791

# 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.



00C086



C891F7



B0AC39

# Square

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



C891F7



FF8663



76B956



00C0EF

# Rectangle

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



C891F7



FF78A6



76B956



00C2AB



# Sweetspot

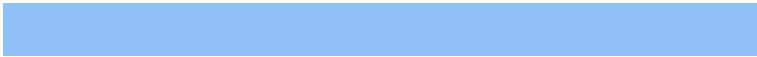
The Sweet Spot groups the original color and five complimentary colors.



C891F7



F1E0FF



91C1F7



776E80



000000



808080



# Same Dimension

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



C891F7



C480FF



F791F4



756E7A



6400BA



20003B



# Inverse Universe

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



F791C0



FF80BA



91F794



7A6E74



BA0056

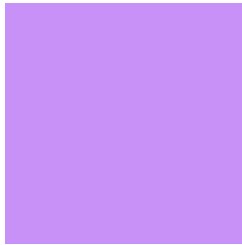


3B001B



# Previews

## White Background



This preview shows how the Hex color C891F7 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

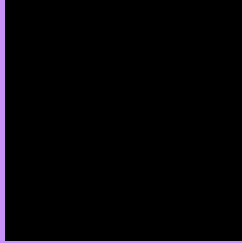
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C891F7 Background



This preview shows how black text looks on a background with the Hex color C891F7.

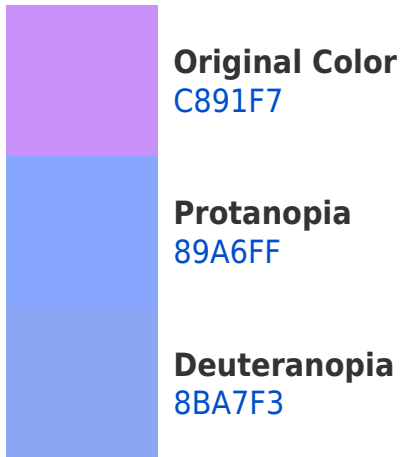


This preview shows how white text looks on a background with the Hex color C891F7.

# Color Blindness Simulation

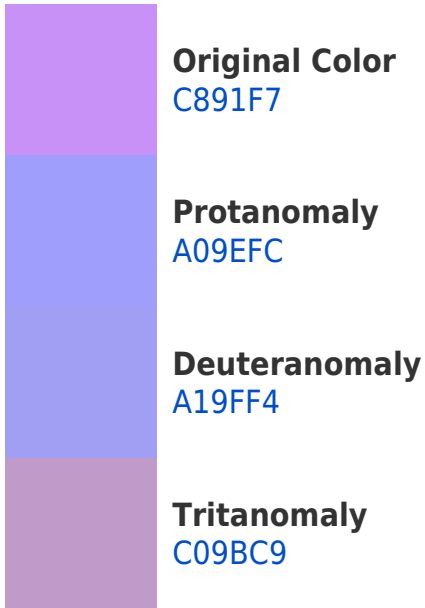
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

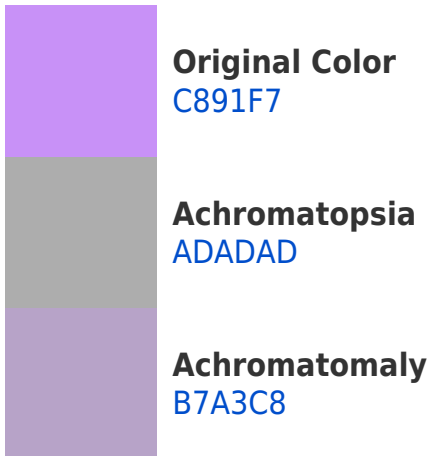




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C891F7 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 #C891F7 looks like.

```
.text, #text, p{  
    color:#C891F7  
}
```

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 #C891F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C891F7
}
```

## Border

The CSS property to change the border of an element to Hex C891F7 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
#C891F7 }
```

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

```
.border{ border-color:#C891F7 }
```

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

Here you see how a box with a 4 pixel #C891F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C891F7; -webkit-box-shadow:4px 4px  
4px 4px #C891F7; box-shadow:4px 4px 4px  
4px #C891F7 }
```

# Background

The CSS property to change the background color of an element to Hex C891F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C891F7 }
```

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

```
.background{ background-color:#C891F7 }
```

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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