

# Converting Colors

Hex(C172F3)

Have a look what the booklet for  
Hex(C172F3) contains.

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# Color

**Hex(C172F3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C172F3
RGB	193, 114, 243
RGB Percent	76%, 45%, 95%
CMY	0.2431, 0.5529, 0.0471
CMYK	0.21, 0.53, 0.00, 0.05
HSL	277°, 84%, 70%
HSV	277°, 53%, 95%
XYZ	44.1873, 29.8431, 88.2254
YIQ	152.3270, 5.6750, 56.8670

# Conversions

## Conversions Part 2

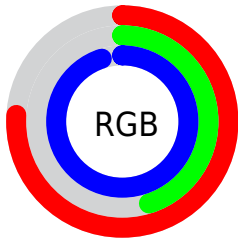
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 114, 243
Decimal	12677875
CIE <sub>Lab</sub>	61.52, 53.21, -52.80
CIE <sub>LCh</sub>	62, 74.959, 315.218
Yxy	29.8431, 0.2723, 0.1839
Android (android.graphics.Color)	4290867955 (0xFFC172F3)
YUV	152.3270, 44.7018, 35.6702
Hunter-Lab	54.6289, 48.7815, -57.5129

# Details

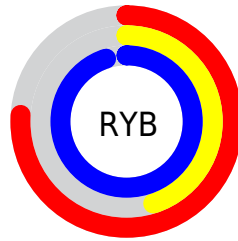
The Hex color **C172F3** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **A4F372**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FCA8FF**, and **883DBA** is the 20% darker color. If you saturate the color by 10%, you get **B85AF3**, and if you desaturate by 10%, it is **CA8AF3**.

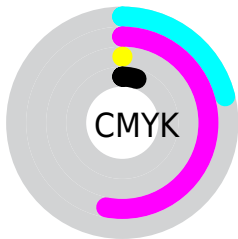
# Distribution



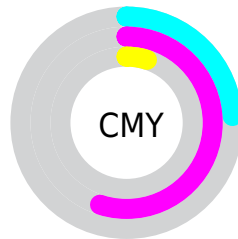
- Red (76%)
- Green (45%)
- Blue (95%)



- Red (76%)
- Yellow (45%)
- Blue (95%)



- Cyan (21%)
- Magenta (53%)
- Yellow (0%)
- Black (5%)



- Cyan (24%)
- Magenta (55%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C172F3 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 C172F3 by changing the saturation by 10% instead.



 C172F3

 C172F3

FFFFFF

 A458D6

 FCA8FF

 883DBA

 FFC4FF

 6D229F

 FFE1FF

 510084

FFFEFF

 35006A

 1B0051

 000039

 000223

 000009

 C172F3

 C172F3

 B85AF3

 CA8AF3

 AE41F3

 D4A3F3

 A529F3

 DDBBF3

 9B11F3

 E7D3F3

 9500F3

 F0EBF3

 FAFFF3

 FFFFF3

# Harmonies

## Analogous

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



3891FF



C172F3



FA52B8

# Triad

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



C172F3



CD8500



00B2B6

# Complementary

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



C172F3



A4F372

# 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.



00B070



C172F3



939C00

# Square

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



C172F3



F76737



40AA2B



00B0F2

# Rectangle

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



C172F3



FF4A8C



40AA2B



00B29F



# Sweetspot

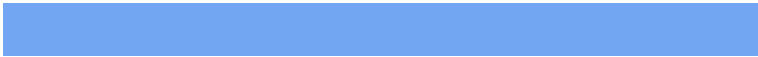
The Sweet Spot groups the original color and five complimentary colors.



C172F3



EFD6FF



72A6F3



766780



000000



808080



# Same Dimension

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



C172F3



C05CFF



F372E6



766E7A



7200BA



24003B



# Inverse Universe

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



F372A4



FF5C9B



72F37F



7A6E73



BA0048

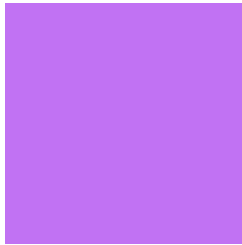


3B0017



# Previews

## White Background



This preview shows how the Hex color C172F3 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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

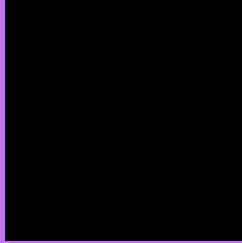
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C172F3 Background



This preview shows how black text looks on a background with the Hex color C172F3.

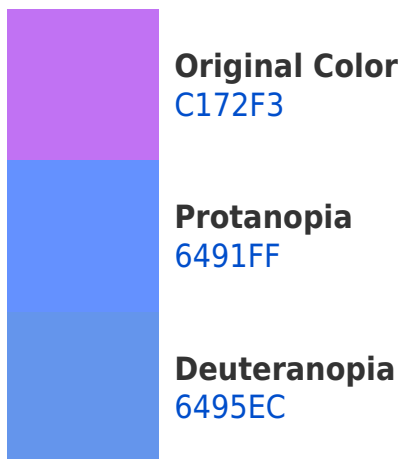



This preview shows how white text looks on a background with the Hex color C172F3.

# 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](#).

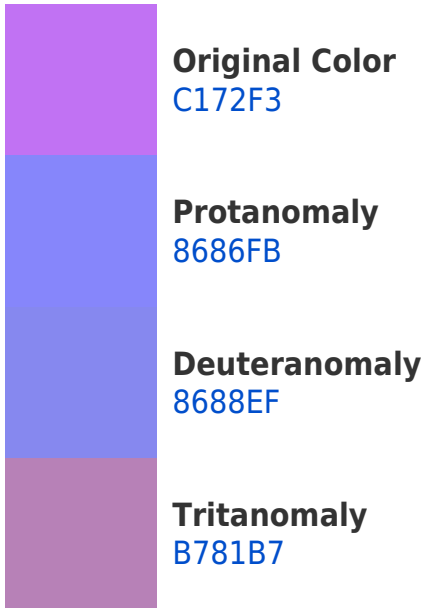
## Dichromacy



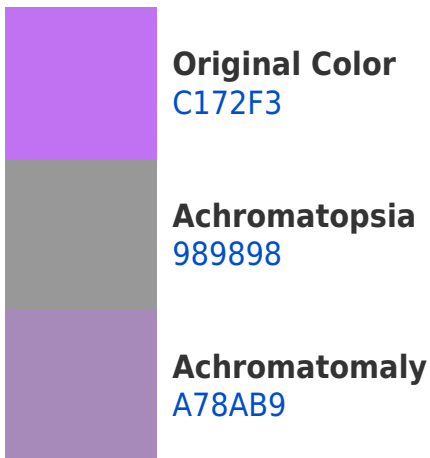


**Tritanopia**  
B28A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C172F3 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 #C172F3 looks like.

```
.text, #text, p{  
    color:#C172F3  
}
```

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 #C172F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C172F3
}
```

## Border

The CSS property to change the border of an element to Hex C172F3 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
#C172F3 }
```

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

```
.border{ border-color:#C172F3 }
```

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

Here you see how a box with a 4 pixel #C172F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C172F3; -webkit-box-shadow:4px 4px  
4px 4px #C172F3; box-shadow:4px 4px 4px  
4px #C172F3 }
```

# Background

The CSS property to change the background color of an element to Hex C172F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C172F3 }
```

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

```
.background{ background-color:#C172F3 }
```

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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