

# Converting Colors

Hex(CA71F1)

Have a look what the booklet for  
Hex(CA71F1) contains.

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# Color

**Hex(CA71F1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CA71F1
RGB	202, 113, 241
RGB Percent	79%, 44%, 95%
CMY	0.2078, 0.5569, 0.0549
CMYK	0.16, 0.53, 0.00, 0.05
HSL	282°, 82%, 69%
HSV	282°, 53%, 95%
XYZ	46.1394, 30.7177, 86.7164
YIQ	154.2030, 11.9560, 58.6760

# Conversions

## Conversions Part 2

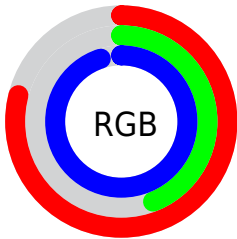
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">202, 113, 241</a>
Decimal	<a href="#">13267441</a>
CIELab	<a href="#">62.27, 55.60, -50.44</a>
CIElCh	<a href="#">62, 75.067, 317.783</a>
Yxy	<a href="#">30.7177, 0.2821, 0.1878</a>
Android (android.graphics.Color)	<a href="#">4291457521 (0xFFCA71F1)</a>
YUV	<a href="#">154.2030, 42.7909, 41.9180</a>
Hunter-Lab	<a href="#">55.4235, 51.6079, -53.9694</a>

# Details

The Hex color **CA71F1** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **98F171**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFA8FF**, and **913CB8** is the 20% darker color. If you saturate the color by 10%, you get **C359F1**, and if you desaturate by 10%, it is **D189F1**.

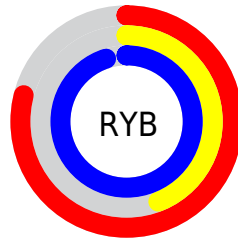
# Distribution



Red (79%)

Green (44%)

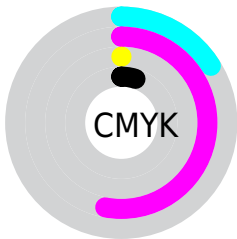
Blue (95%)



Red (79%)

Yellow (44%)

Blue (95%)

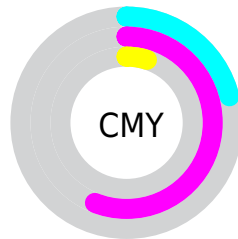


Cyan (16%)

Magenta (53%)

Yellow (0%)

Black (5%)



Cyan (21%)

Magenta (56%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA71F1 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 CA71F1 by changing the saturation by 10% instead.



 CA71F1

 CA71F1

FFFFFF

 AD56D4

 FFA8FF

 913CB8

 FFC4FF

 751F9D

 FFE1FF

 5A0082

FFFEFF

 3F0068

 250050

 000038

 000221

 000006

CA71F1

CA71F1

C359F1

D189F1

BB41F1

D9A1F1

B429F1

E0B9F1

AD11F1

E7D1F1

A800F1

EFE9F1

F6FFF1

FDFFF1

FFFFF1

# Harmonies

## Analogous

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



5191FF



CA71F1



FF52B5

# Triad

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



CA71F1



CB8A00



00B5BD

# Complementary

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



CA71F1



98F171

# 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.



00B378



CA71F1



8F9F00

# Square

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



CA71F1



F76C34



37AC33



00B1F8

# Rectangle

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



CA71F1



FF4C88



37AC33



00B5A7



# Sweetspot

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



CA71F1



F3D6FF



719AF1



786780



000000



808080



# Same Dimension

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



CA71F1



CD5CFF



F171DA



746C78



8000B8



270038



# Inverse Universe

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



F17198



FF5C8E



71F188



786C70



B80038

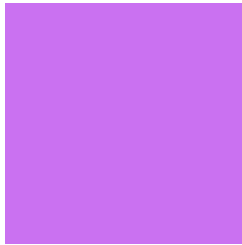


380011



# Previews

## White Background



This preview shows how the Hex color CA71F1 looks on a white background.

## Color Contrast Check

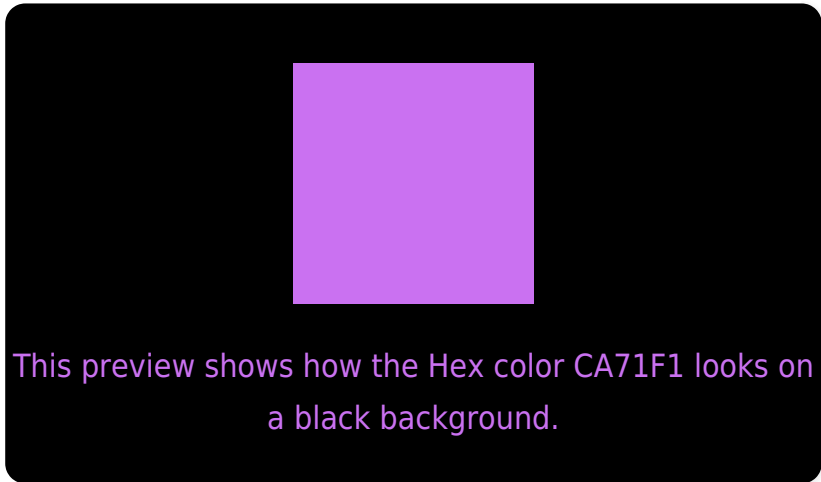
Large Text (above 18pt) WCAG AA × Fail

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

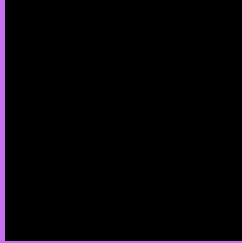
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CA71F1 Background



This preview shows how black text looks on a background with the Hex color CA71F1.

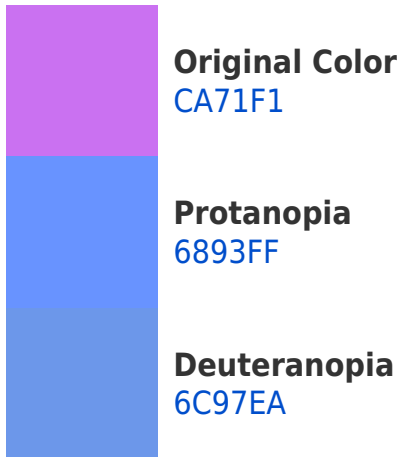



This preview shows how white text looks on a background with the Hex color CA71F1.

# 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](#).

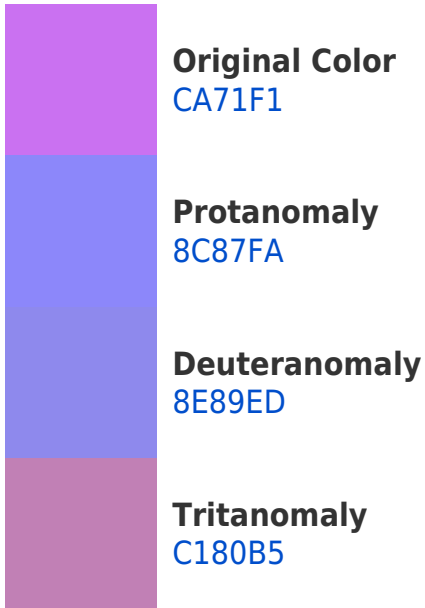
## Dichromacy



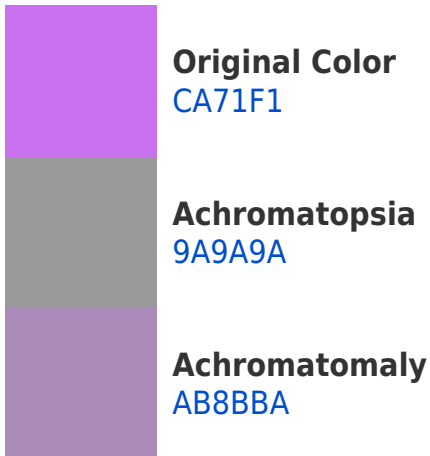


**Tritanopia**  
BC8993

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA71F1 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 #CA71F1 looks like.

```
.text, #text, p{  
    color:#CA71F1  
}
```

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 #CA71F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA71F1
}
```

## Border

The CSS property to change the border of an element to Hex CA71F1 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
#CA71F1 }
```

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

```
.border{ border-color:#CA71F1 }
```

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

Here you see how a box with a 4 pixel #CA71F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA71F1; -webkit-box-shadow:4px 4px  
4px 4px #CA71F1; box-shadow:4px 4px 4px  
4px #CA71F1 }
```

# Background

The CSS property to change the background color of an element to Hex CA71F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA71F1 }
```

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

```
.background{ background-color:#CA71F1 }
```

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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