

# Converting Colors

Hex(CC78F6)

Have a look what the booklet for  
Hex(CC78F6) contains.

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# Color

Hex(CC78F6)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC78F6
RGB	204, 120, 246
RGB Percent	80%, 47%, 96%
CMY	0.2000, 0.5294, 0.0353
CMYK	0.17, 0.51, 0.00, 0.04
HSL	280°, 88%, 72%
HSV	280°, 51%, 96%
XYZ	48.2529, 32.9241, 91.0006
YIQ	159.4800, 9.6180, 56.9940

# Conversions

## Conversions Part 2

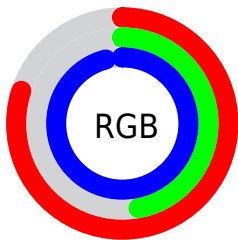
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	204, 120, 246
Decimal	13400310
CIE Lab	64.10, 53.61, -50.29
CIE LCh	64, 73.507, 316.834
Yxy	32.9241, 0.2803, 0.1912
Android (android.graphics.Color)	4291590390 (0xFFCC78F6)
YUV	159.4800, 42.6544, 39.0440
Hunter-Lab	57.3796, 49.6939, -53.8647

# Details

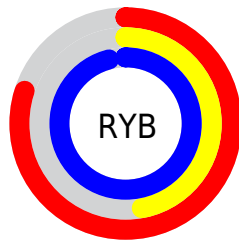
The Hex color **CC78F6** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **A2F678**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFAFFF**, and **9343BD** is the 20% darker color. If you saturate the color by 10%, you get **C45FF6**, and if you desaturate by 10%, it is **D491F6**.

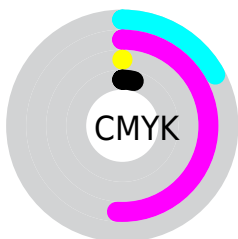
# Distribution



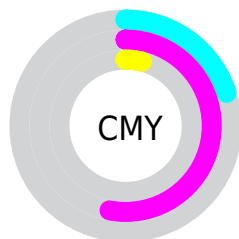
- Red (80%)
- Green (47%)
- Blue (96%)



- Red (80%)
- Yellow (47%)
- Blue (96%)



- Cyan (17%)
- Magenta (51%)
- Yellow (0%)
- Black (4%)



- Cyan (20%)
- Magenta (53%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC78F6 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 CC78F6 by changing the saturation by 10% instead.



 CC78F6

 CC78F6

FFFFFF

 AF5DD9

 FFAFFF

 9343BD

 FFCBFF

 7728A2

 FFE8FF

 5C0587

 41006D

 260054

 04003C

 000225

 00010D

 CC78F6

 CC78F6

 C45FF6

 D491F6

 BC47F6

 DCA9F6

 B32EF6

 E5C2F6

 AB16F6

 EDDAF6

 A400F6

 F5F3F6

 FDFFF6

 FFFFF6

# Harmonies

## Analogous

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



5696FF



CC78F6



FF5BBB

# Triad

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



CC78F6



D28E00



00B9C0

# Complementary

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



CC78F6



A2F678

# 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.



00B87B



CC78F6



97A400

# Square

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



CC78F6



FD713C



45B139



00B6FA

# Rectangle

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



CC78F6



FF558F



45B139



00B9A9



# Sweetspot

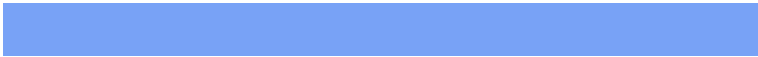
The Sweet Spot groups the original color and five complimentary colors.



CC78F6



F2D9FF



78A2F6



786980



000000



808080



# Same Dimension

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



CC78F6



CB63FF



F678E1



766E7A



7C00BA



27003B



# Inverse Universe

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



F678A2



FF6397



78F68D



7A6E72



BA003E



3B0014



# Previews

## White Background



This preview shows how the Hex color CC78F6 looks on a white background.

## Color Contrast Check

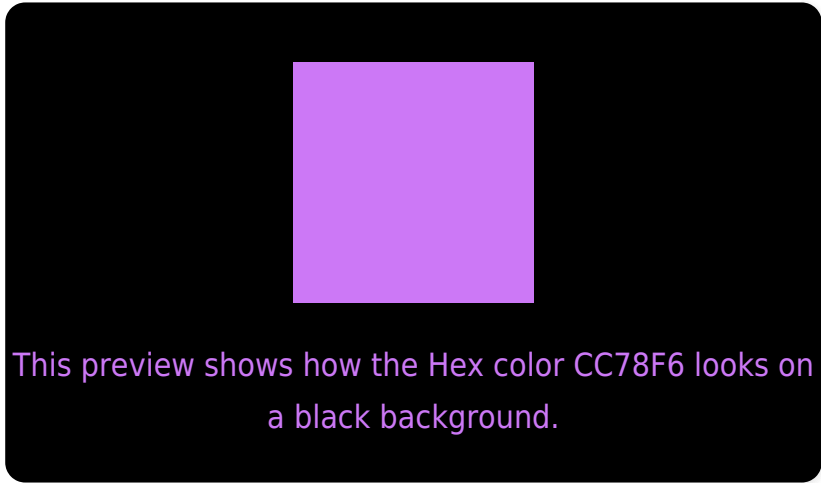
Large Text (above 18pt) WCAG AA × Fail

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

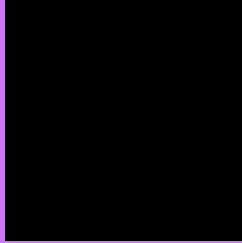
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CC78F6 Background



This preview shows how black text looks on a background with the Hex color CC78F6.

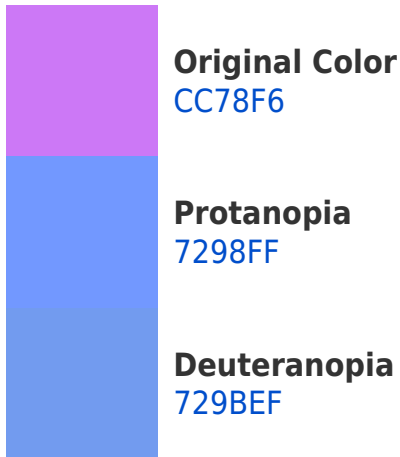


This preview shows how white text looks on a background with the Hex color CC78F6.

# 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](#).

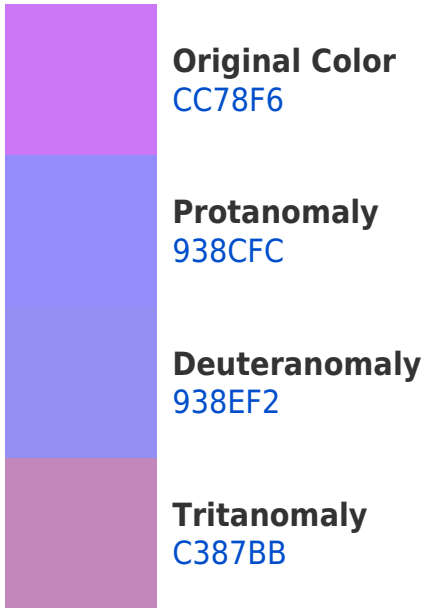
## Dichromacy



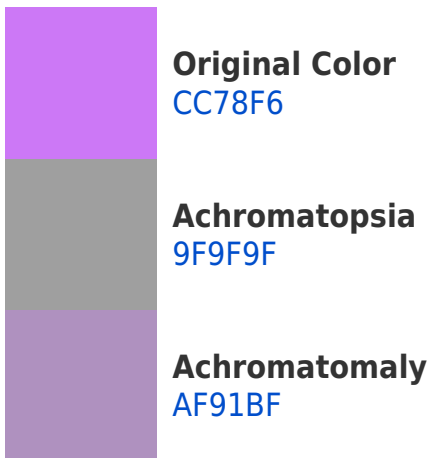


**Tritanopia**  
BE8F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC78F6 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 #CC78F6 looks like.

```
.text, #text, p{  
    color:#CC78F6  
}
```

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 #CC78F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC78F6  
}
```

## Border

The CSS property to change the border of an element to Hex CC78F6 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  
#CC78F6 }
```

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

```
.border{ border-color:#CC78F6 }
```

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

Here you see how a box with a 4 pixel #CC78F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC78F6; -webkit-box-shadow:4px 4px  
4px 4px #CC78F6; box-shadow:4px 4px 4px  
4px #CC78F6 }
```

# Background

The CSS property to change the background color of an element to Hex CC78F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC78F6 }
```

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

```
.background{ background-color:#CC78F6 }
```

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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