

# Converting Colors

Hex(CB97F6)

Have a look what the booklet for  
Hex(CB97F6) contains.

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# Color

Hex(CB97F6)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB97F6
RGB	203, 151, 246
RGB Percent	80%, 59%, 96%
CMY	0.2039, 0.4078, 0.0353
CMYK	0.17, 0.39, 0.00, 0.04
HSL	273°, 84%, 78%
HSV	273°, 39%, 96%
XYZ	52.3298, 41.4835, 92.4378
YIQ	177.3780, 0.4970, 40.5690

# Conversions

## Conversions Part 2

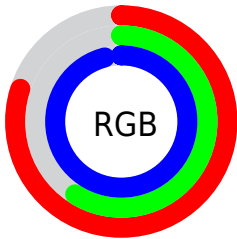
Format	Color
R <sub>Y</sub> B	203, 151, 246
Decimal	13342710
CIE Lab	70.51, 36.90, -40.22
CIE LCh	71, 54.579, 312.537
Yxy	41.4835, 0.2810, 0.2227
Android (android.graphics.Color)	4291532790 (0xFFFCB97F6)
YUV	177.3780, 33.8306, 22.4705
Hunter-Lab	64.4077, 32.3135, -40.0075

# Details

The Hex color **CB97F6** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C2F697**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFCEFF**, and **9363BD** is the 20% darker color. If you saturate the color by 10%, you get **C07EF6**, and if you desaturate by 10%, it is **D6B0F6**.

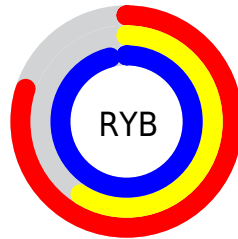
# Distribution



Red (80%)

Green (59%)

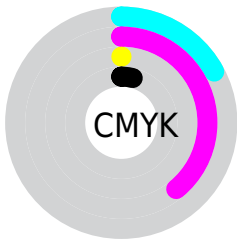
Blue (96%)



Red (80%)

Yellow (59%)

Blue (96%)

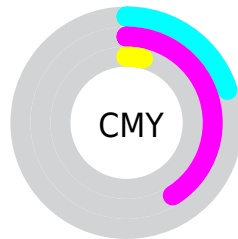


Cyan (17%)

Magenta (39%)

Yellow (0%)

Black (4%)



Cyan (20%)

Magenta (41%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB97F6 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 CB97F6 by changing the saturation by 10% instead.



 CB97F6

 CB97F6

FFFFFF

 AF7DD9

 FFCEFF

 9363BD

 FFEAFF

 784AA2

 5E3287

 441B6E

 2B0255

 16003D

 000326

 00010F

 CB97F6

 CB97F6

 C07EF6

 D6B0F6

 B566F6

 E1C8F6

 AA4DF6

 ECE1F6

 9E35F6

 F8F9F6

 931CF6

 FFFFF6

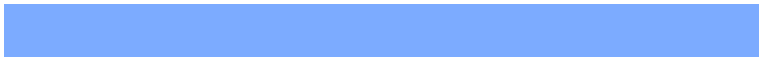
 8803F6

 8700F6

# Harmonies

## Analogous

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



7CABFF



CB97F6



F986CB

# Triad

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



CB97F6



E19F4C



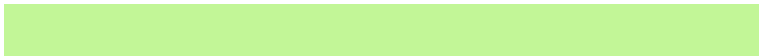
00C5C0

# Complementary

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



CB97F6



C2F697

# 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.



24C38D



CB97F6



B5B047

# Square

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



CB97F6



FF8D6C



7EBD60



00C3EE

# Rectangle

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



CB97F6



FF81AA



7EBD60



00C5AF



# Sweetspot

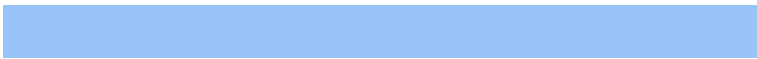
The Sweet Spot groups the original color and five complimentary colors.



CB97F6



F1E0FF



97C3F6



776E80



000000



808080



# Same Dimension

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



CB97F6



CA8AFF



F697F3



756E7A



6600BA



20003B



# Inverse Universe

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



F697C2



FF8ABF



97F69A



7A6E74



BA0054

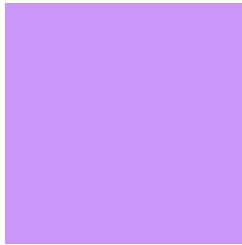


3B001B



# Previews

## White Background



This preview shows how the Hex color CB97F6 looks on a white background.

## Color Contrast Check

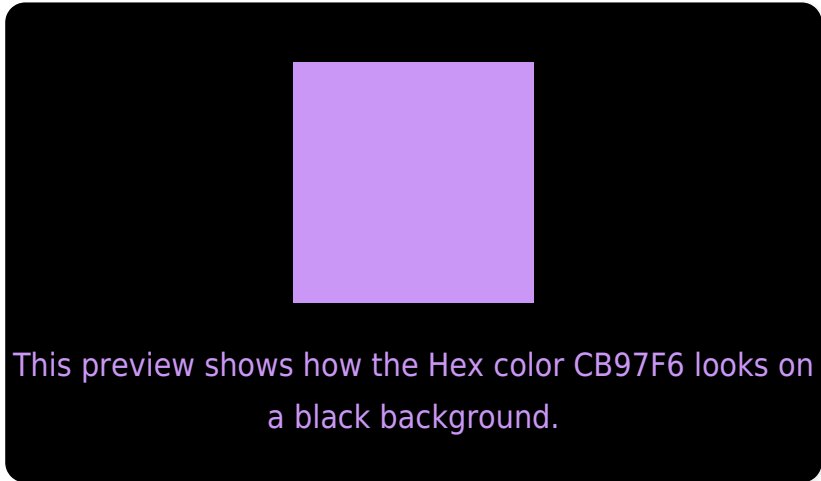
Large Text (above 18pt) WCAG AA × Fail

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

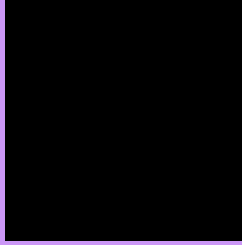
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CB97F6 Background



This preview shows how black text looks on a background with the Hex color CB97F6.

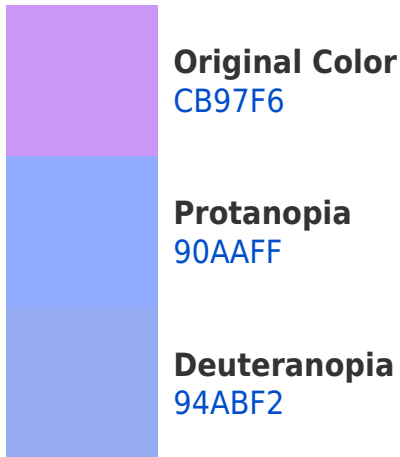


This preview shows how white text looks on a background with the Hex color CB97F6.

# 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



**Original Color**  
CB97F6



**Protanomaly**  
A5A3FC



**Deuteranomaly**  
A8A4F3



**Tritanomaly**  
C4A0CB

# Monochromacy



**Original Color**  
CB97F6



**Achromatopsia**  
B1B1B1



**Achromatomaly**  
BAA8CA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB97F6 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 #CB97F6 looks like.

```
.text, #text, p{  
    color:#CB97F6  
}
```

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 #CB97F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB97F6  
}
```

## Border

The CSS property to change the border of an element to Hex CB97F6 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  
#CB97F6 }
```

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

```
.border{ border-color:#CB97F6 }
```

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

Here you see how a box with a 4 pixel #CB97F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB97F6; -webkit-box-shadow:4px 4px  
4px 4px #CB97F6; box-shadow:4px 4px 4px  
4px #CB97F6 }
```

# Background

The CSS property to change the background color of an element to Hex CB97F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB97F6 }
```

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

```
.background{ background-color:#CB97F6 }
```

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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