

# Converting Colors

Hex(CC9FB3)

Have a look what the booklet for  
Hex(CC9FB3) contains.

|  |    |
|--|----|
| <b>Hex(CC9FB3)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# **Color**

**Hex(CC9FB3)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | CC9FB3                     |
| RGB           | 204, 159, 179              |
| RGB Percent   | 80%, 62%, 70%              |
| CMY           | 0.2000, 0.3765, 0.2980     |
| CMYK          | 0.00, 0.22, 0.12, 0.20     |
| HSL           | 333°, 31%, 71%             |
| HSV           | 333°, 22%, 80%             |
| XYZ           | 45.4367, 40.8883, 48.1453  |
| YIQ           | 174.7350, 20.4000, 15.7600 |

# Conversions

## Conversions Part 2

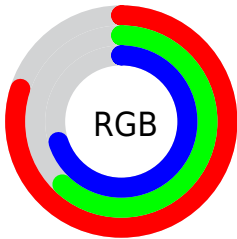
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 204, 159, 179                |
| Decimal                             | 13410227                     |
| CIE <sub>Lab</sub>                  | 70.10, 19.84, -3.92          |
| CIE <sub>LCh</sub>                  | 70, 20.228, 348.814          |
| Yxy                                 | 40.8883, 0.3379,<br>0.3041   |
| Android<br>(android.graphics.Color) | 4291600307<br>(0xFFCC9FB3)   |
| YUV                                 | 174.7350, 2.1026,<br>25.6654 |
| Hunter-Lab                          | 63.9440, 14.9348,<br>0.1196  |

# Details

The Hex color **CC9FB3** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **9FCCB8**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFD6EB**, and **956B7E** is the 20% darker color. If you saturate the color by 10%, you get **CC8BA8**, and if you desaturate by 10%, it is **CCB3BE**.

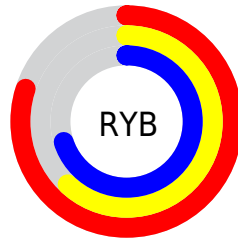
# Distribution



Red (80%)

Green (62%)

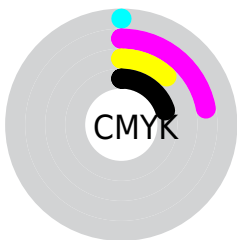
Blue (70%)



Red (80%)

Yellow (62%)

Blue (70%)

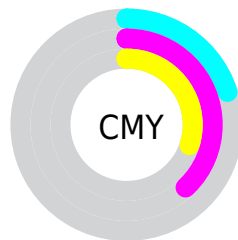


Cyan (0%)

Magenta (22%)

Yellow (12%)

Black (20%)



Cyan (20%)

Magenta (38%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC9FB3 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 CC9FB3 by changing the saturation by 10% instead.





CC9FB3



CC9FB3

FFFFFF



B08598



FFD6EB



956B7E



FFF2FF



7B5365



623B4D



492537



320F21



20000B



000000



CC9FB3



CC9FB3

 CC8BA8

 CCB3BE

 CC769C

 CCC8CA

 CC6291

 CCDCD5

 CC4D86

 CCF1E0

 CC397A

 CCFFEC

 CC256F

 CCFFF7

 CC1064

 CCFFFF

 CC005B

# Harmonies

## Analogous

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



BCA3C4



CC9FB3



D29FA0

# Triad

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



CC9FB3



ADAE88



7CB4C6

# Complementary

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



CC9FB3



9FCCB8

# 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.



7AB6B6



CC9FB3



98B393

# Square

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



CC9FB3



C0A888



85B5A4



8DAFCF

# Rectangle

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



CC9FB3



D0A195



85B5A4



7AB5C2



# Sweetspot

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



CC9FB3



FFEDF5



B89FCC



80757A



000000



808080



# Same Dimension

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



CC9FB3



FFBDDA



CCA19F



665C60



A6004A



260011



# Inverse Universe

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



CC9FB3



FFBDDA



9FCACC



665C60



A6004A

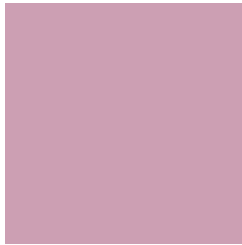


260011



# Previews

## White Background



This preview shows how the Hex color CC9FB3 looks on a white background.

## Color Contrast Check

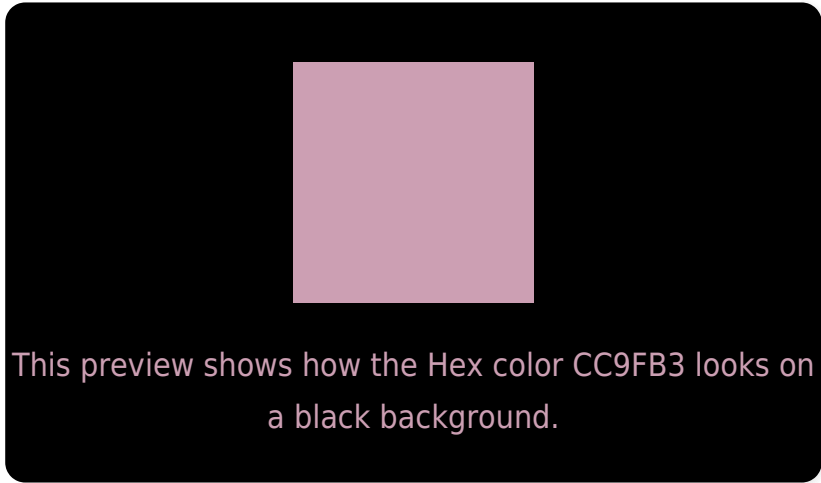
Large Text (above 18pt) WCAG AA × Fail

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

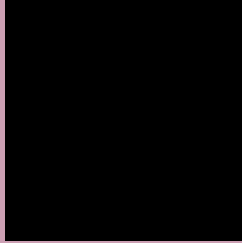
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CC9FB3 Background



This preview shows how black text looks on a background with the Hex color CC9FB3.

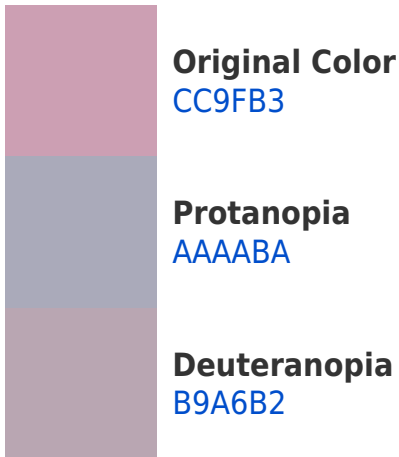


This preview shows how white text looks on a background with the Hex color CC9FB3.

# 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**  
CC9FB3

**Protanomaly**  
B6A6B7

**Deuteranomaly**  
C0A3B2

**Tritanomaly**  
CBA0AF

# Monochromacy



**Original Color**  
CC9FB3

**Achromatopsia**  
AFAFAF

**Achromatomaly**  
BAA9B0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC9FB3 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 #CC9FB3 looks like.

```
.text, #text, p{  
    color:#CC9FB3  
}
```

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 #CC9FB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC9FB3
}
```

## Border

The CSS property to change the border of an element to Hex CC9FB3 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
#CC9FB3 }
```

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

```
.border{ border-color:#CC9FB3 }
```

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

Here you see how a box with a 4 pixel #CC9FB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC9FB3; -webkit-box-shadow:4px 4px  
4px 4px #CC9FB3; box-shadow:4px 4px 4px  
4px #CC9FB3 }
```

# Background

The CSS property to change the background color of an element to Hex CC9FB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC9FB3 }
```

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

```
.background{ background-color:#CC9FB3 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor