

# Converting Colors

Hex(C9F59F)

Have a look what the booklet for  
Hex(C9F59F) contains.

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# Color

**Hex(C9F59F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C9F59F
RGB	201, 245, 159
RGB Percent	79%, 96%, 62%
CMY	0.2118, 0.0392, 0.3765
CMYK	0.18, 0.00, 0.35, 0.04
HSL	91°, 81%, 79%
HSV	91°, 35%, 96%
XYZ	62.9978, 80.2255, 44.9656
YIQ	222.0400, 1.3820, -36.0740

# Conversions

## Conversions Part 2

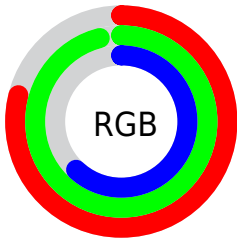
<b>Format</b>	<b>Color</b>
<b>RYB</b>	159, 245, 203
Decimal	13235615
CIELab	91.79, -28.65, 36.90
CIElCh	92, 46.716, 127.825
Yxy	80.2255, 0.3348, 0.4263
Android (android.graphics.Color)	4291425695 (0xFFC9F59F)
YUV	222.0400, -31.0787, -18.4521
Hunter-Lab	89.5687, -31.1979, 32.9331

# Details

The Hex color **C9F59F** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **CB9FF5**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FFFFD6**, and **92BD6A** is the 20% darker color. If you saturate the color by 10%, you get **BCF587**, and if you desaturate by 10%, it is **D6F5B8**.

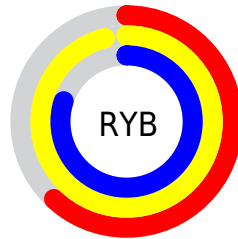
# Distribution



Red (79%)

Green (96%)

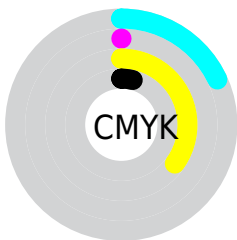
Blue (62%)



Red (62%)

Yellow (96%)

Blue (80%)

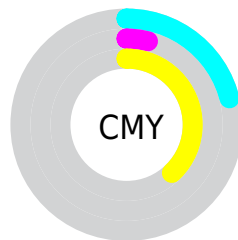


Cyan (18%)

Magenta (0%)

Yellow (35%)

Black (4%)



Cyan (21%)

Magenta (4%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C9F59F 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 C9F59F by changing the saturation by 10% instead.





C9F59F

FFFFFF



FFFFD6



FFFFF3



C9F59F



ADD884



92BD6A



77A151



5D8739



446D21



2A5505



123D00



002700



000C00

 C9F59F

 C9F59F

 BCF587

 D6F5B8

 B0F56E

 E2F5D0

 A3F556

 EFF5E9

 97F53D

 FBF5FF

 8AF524

 FFF5FF

 7EF50C

 78F500

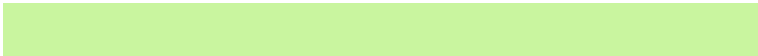
# Harmonies

## Analogous

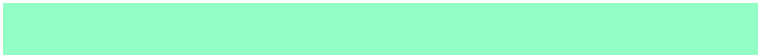
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FAE98D



C9F59F



92FDC4

# Triad

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



C9F59F



6CF5FF



FFC5DD

# Complementary

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



C9F59F



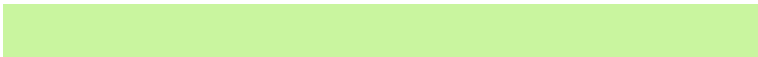
CB9FF5

# Split Complementary

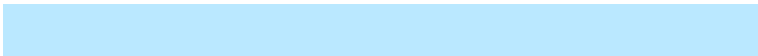
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFCAFF



C9F59F



BAE8FF

# Square

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



C9F59F



2CFDFF



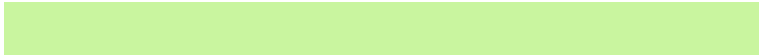
FCD8FF



FFCBB3

# Rectangle

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



C9F59F



69FFE3



FCD8FF



FFC5ED



# Sweetspot

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



C9F59F



F1FFE3



F5CA9F



77806F



000000

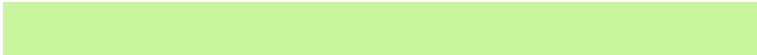


808080

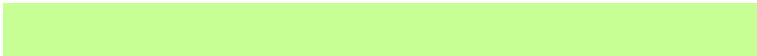


# Same Dimension

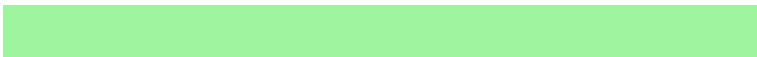
The Same Dimension uses a secret algorithm to generate beautiful new colors.



C9F59F



C8FF94



9FF59F



747A6E



5BBA00



1D3B00



# Inverse Universe

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



CB9FF5



CB94FF



F59FF5



746E7A



5F00BA

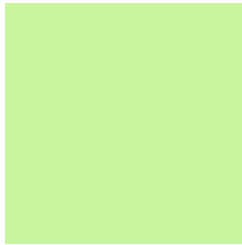


1E003B



# Previews

## White Background



This preview shows how the Hex color C9F59F looks on a white background.

## Color Contrast Check

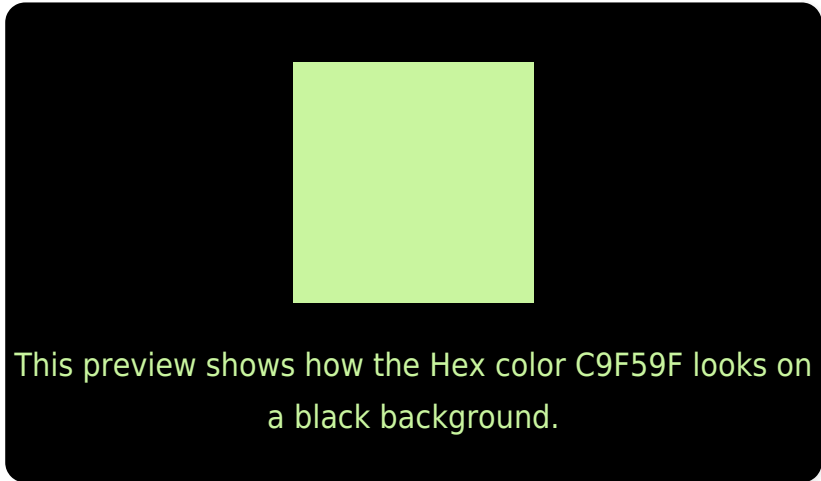
Large Text (above 18pt) WCAG AA × Fail

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

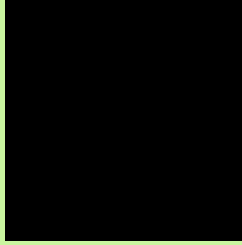
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C9F59F Background



This preview shows how black text looks on a background with the Hex color C9F59F.

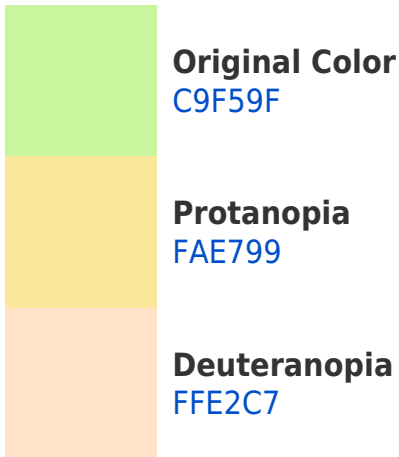


This preview shows how white text looks on a background with the Hex color C9F59F.

# 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



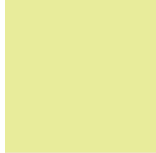


**Tritanopia**  
D7EAFC

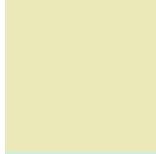
# Trichromacy



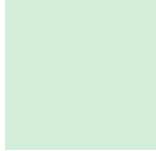
**Original Color**  
C9F59F



**Protanomaly**  
E8EC9B



**Deuteranomaly**  
EBE9B8

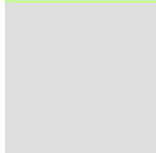


**Tritanomaly**  
D2EEDA

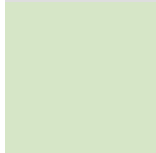
# Monochromacy



**Original Color**  
C9F59F



**Achromatopsia**  
DEDEDE



**Achromatomaly**  
D6E6C7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C9F59F 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 #C9F59F looks like.

```
.text, #text, p{  
    color:#C9F59F  
}
```

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 #C9F59F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9F59F
}
```

## Border

The CSS property to change the border of an element to Hex C9F59F 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
#C9F59F }
```

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

```
.border{ border-color:#C9F59F }
```

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

Here you see how a box with a 4 pixel #C9F59F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9F59F; -webkit-box-shadow:4px 4px  
4px 4px #C9F59F; box-shadow:4px 4px 4px  
4px #C9F59F }
```

# Background

The CSS property to change the background color of an element to Hex C9F59F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9F59F }
```

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

```
.background{ background-color:#C9F59F }
```

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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