

# Converting Colors

Hex(C2F98F)

Have a look what the booklet for  
Hex(C2F98F) contains.

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# Color

**Hex(C2F98F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C2F98F
RGB	194, 249, 143
RGB Percent	76%, 98%, 56%
CMY	0.2392, 0.0235, 0.4392
CMYK	0.22, 0.00, 0.43, 0.02
HSL	91°, 90%, 77%
HSV	91°, 43%, 98%
XYZ	61.0817, 81.2039, 38.4412
YIQ	220.4710, 1.2460, -44.6260

# Conversions

## Conversions Part 2

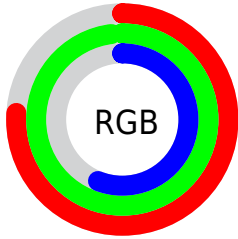
<b>Format</b>	<b>Color</b>
<b>RYB</b>	143, 249, 198
Decimal	12777871
CIELab	92.22, -35.00, 45.24
CIElCh	92, 57.192, 127.726
Yxy	81.2039, 0.3380, 0.4493
Android (android.graphics.Color)	4290967951 (0xFFC2F98F)
YUV	220.4710, -38.1932, -23.2151
Hunter-Lab	90.1132, -36.7048, 37.7869

# Details

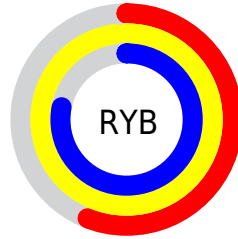
The Hex color **C2F98F** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **C68FF9**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FCFFC6**, and **8AC05A** is the 20% darker color. If you saturate the color by 10%, you get **B5F976**, and if you desaturate by 10%, it is **CFF9A8**.

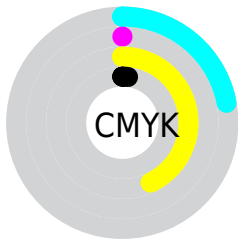
# Distribution



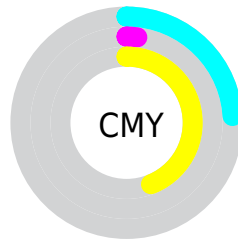
- Red (76%)
- Green (98%)
- Blue (56%)



- Red (56%)
- Yellow (98%)
- Blue (78%)



- Cyan (22%)
- Magenta (0%)
- Yellow (43%)
- Black (2%)



- Cyan (24%)
- Magenta (2%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2F98F 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 C2F98F by changing the saturation by 10% instead.



 C2F98F

FFFFFF

 FCFFC6

 FFFF E3

 C2F98F

 A6DC74

 8AC05A

 6FA541

 558A27

 3A7109

 1E5800

 004000

 002A00

 000F00

 C2F98F

 C2F98F

 B5F976

 CFF9A8

 A8F95D

 DCF9C1

 9BF944

 E9F9DA

 8EF92B

 F6F9F3

 81F912

 FFF9FF

 78F900

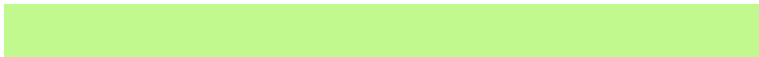
# Harmonies

## Analogous

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



FDEA79



C2F98F



79FFBD

# Triad

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



C2F98F



00FAFF



FFBCDC

# Complementary

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



C2F98F



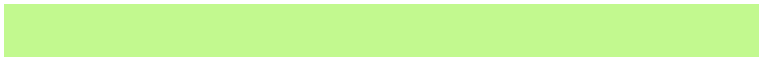
C68FF9

# Split Complementary

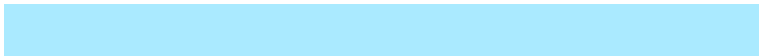
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC2FF



C2F98F



AAEAFF

# Square

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



C2F98F



00FFFF



FFD5FF



FFC5A8

# Rectangle

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



C2F98F



23FFE2



FFD5FF



FFBCEF



# Sweetspot

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



C2F98F



EEFFDE



F9C68F



75806B



000000



808080



# Same Dimension

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



C2F98F



BCFF7D



8FF991



767D70



5BBD00



1D3D00



# Inverse Universe

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



C68FF9



C07DFF



F98FF7



77707D



6200BD

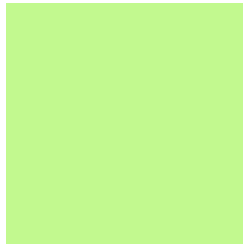


20003D



# Previews

## White Background



This preview shows how the Hex color C2F98F looks on a white background.

## Color Contrast Check

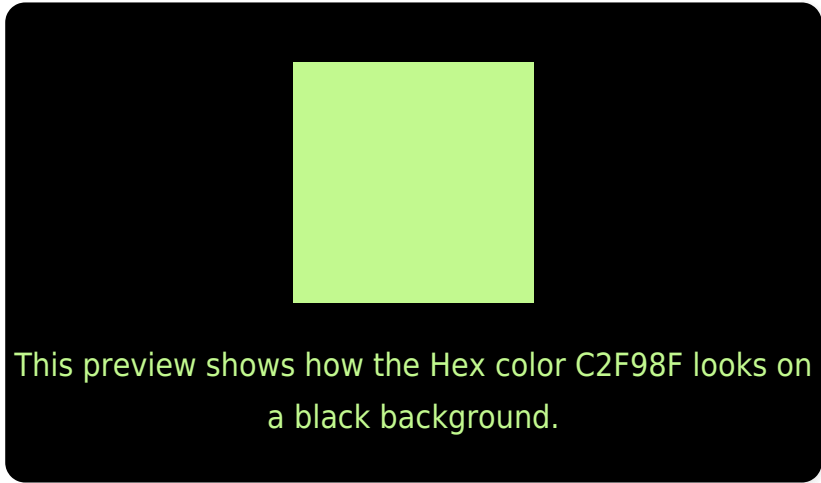
Large Text (above 18pt) WCAG AA × Fail

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 C2F98F Background



This preview shows how black text looks on a background with the Hex color C2F98F.

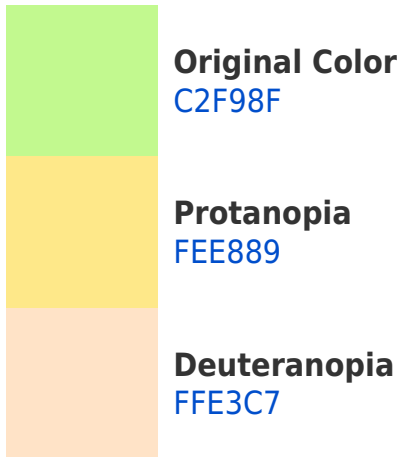


This preview shows how white text looks on a background with the Hex color C2F98F.

# 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

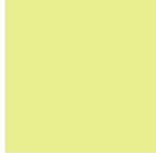




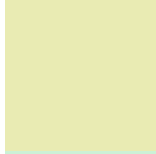
# Trichromacy



**Original Color**  
C2F98F



**Protanomaly**  
E8EE8B



**Deuteranomaly**  
E9EBB3

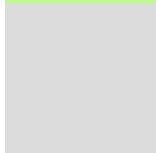


**Tritanomaly**  
CCF1D6

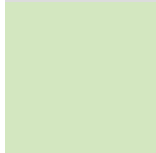
# Monochromacy



**Original Color**  
C2F98F



**Achromatopsia**  
DCDCDC



**Achromatomaly**  
D3E7C0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2F98F 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 #C2F98F looks like.

```
.text, #text, p{  
    color:#C2F98F  
}
```

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 #C2F98F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2F98F
}
```

## Border

The CSS property to change the border of an element to Hex C2F98F 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
#C2F98F }
```

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

```
.border{ border-color:#C2F98F }
```

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

Here you see how a box with a 4 pixel #C2F98F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2F98F; -webkit-box-shadow:4px 4px  
4px 4px #C2F98F; box-shadow:4px 4px 4px  
4px #C2F98F }
```

# Background

The CSS property to change the background color of an element to Hex C2F98F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2F98F }
```

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

```
.background{ background-color:#C2F98F }
```

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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