

Converting Colors

Hex(C1F9A8)

Have a look what the booklet for
Hex(C1F9A8) contains.

Hex(C1F9A8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C1F9A8)

Conversions

Conversions Part 1

Format	Color
Hex	C1F9A8
RGB	193, 249, 168
RGB Percent	76%, 98%, 66%
CMY	0.2431, 0.0235, 0.3412
CMYK	0.22, 0.00, 0.33, 0.02
HSL	101°, 87%, 82%
HSV	101°, 33%, 98%
XYZ	62.9359, 81.9160, 49.5401
YIQ	223.0220, -7.3750, -37.0630

Conversions

Conversions Part 2

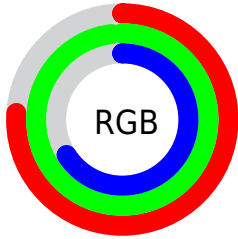
Format	Color
RYB	168, 249, 224
Decimal	12712360
CIELab	92.54, -32.03, 33.31
CIElCh	93, 46.212, 133.881
Yxy	81.9160, 0.3238, 0.4214
Android (android.graphics.Color)	4290902440 (0xFFC1F9A8)
YUV	223.0220, -27.1258, -26.3293
Hunter-Lab	90.5074, -34.2650, 30.9023

Details

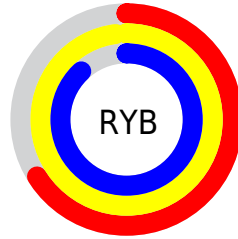
The Hex color **C1F9A8** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **E0A8F9**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FBFFE0**, and **8AC073** is the 20% darker color. If you saturate the color by 10%, you get **B0F98F**, and if you desaturate by 10%, it is **D2F9C1**.

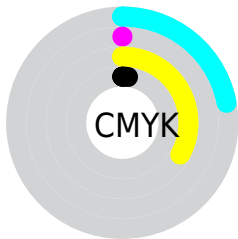
Distribution



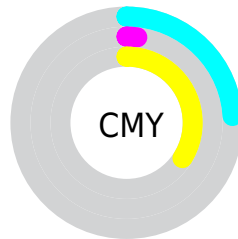
- Red (76%)
- Green (98%)
- Blue (66%)



- Red (66%)
- Yellow (98%)
- Blue (88%)



- Cyan (22%)
- Magenta (0%)
- Yellow (33%)
- Black (2%)



- Cyan (24%)
- Magenta (2%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color C1F9A8 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 C1F9A8 by changing the saturation by 10% instead.

 C1F9A8

FFFFFF

 FBFFE0

FFFFFFD

 C1F9A8

 A5DC8D

 8AC073

 6FA55A

 558A41

 3C712A

 225811

 044000

 002A00

 001000

 C1F9A8

 C1F9A8

 B0F98F

 D2F9C1

 9FF976

 E3F9DA

 8DF95D

 F5F9F3

 7CF944

 FFF9FF

 6BF92B

 5AF913

 4DF900

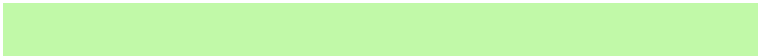
Harmonies

Analogous

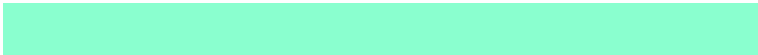
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F3ED92



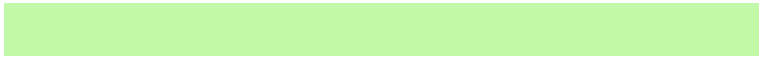
C1F9A8



8AFFCF

Triad

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



C1F9A8



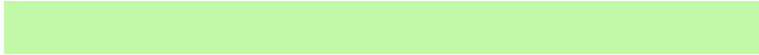
81F5FF



FFC8D6

Complementary

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



C1F9A8



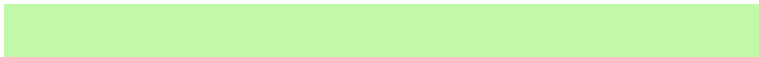
E0A8F9

Split Complementary

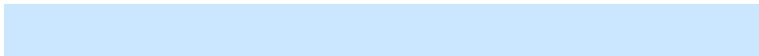
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFCAFF



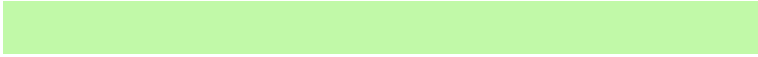
C1F9A8



CBE7FF

Square

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



C1F9A8



3EFEFF



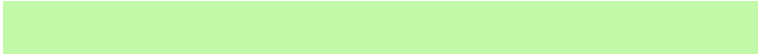
FFD7FF



FFD0AE

Rectangle

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



C1F9A8



62FFEE



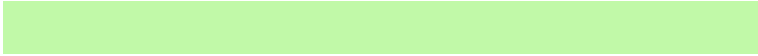
FFD7FF



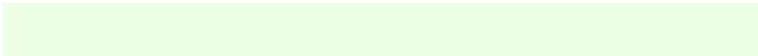
FFC7E5

Sweetspot

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



C1F9A8



EDFFE6



F9DFA8



758070



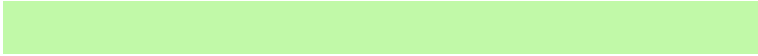
000000



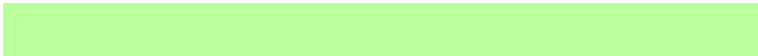
808080

Same Dimension

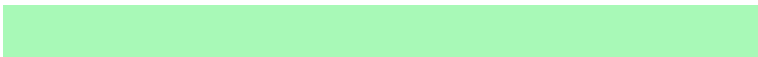
The Same Dimension uses a secret algorithm to generate beautiful new colors.



C1F9A8



BAFF9C



A8F9B7



747D70



3ABD00



133D00

Inverse Universe

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



E0A8F9



E09CFF



F9A8EA



79707D



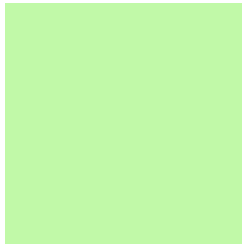
8200BD



2A003D

Previews

White Background



This preview shows how the Hex color C1F9A8 looks on a white background.

Color Contrast Check

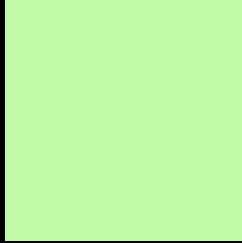
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color C1F9A8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

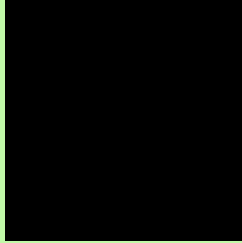
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

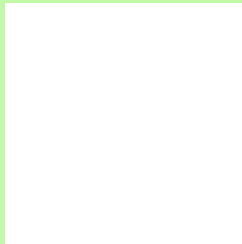
Any Text WCAG AAA ✓ Pass

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

Hex C1F9A8 Background



This preview shows how black text looks on a background with the Hex color C1F9A8.

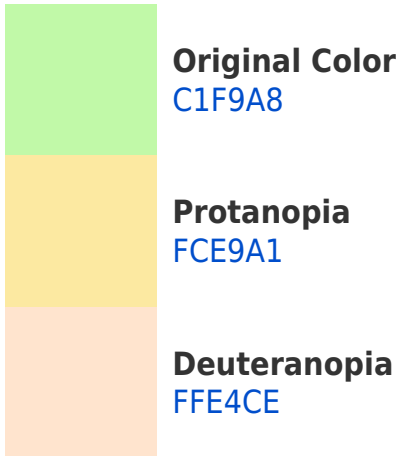


This preview shows how white text looks on a background with the Hex color C1F9A8.

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



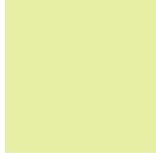


Tritanopia
D1EDFF

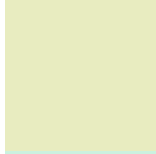
Trichromacy



Original Color
C1F9A8



Protanomaly
E7EFA4



Deuteranomaly
E8ECC0

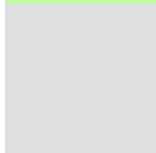


Tritanomaly
CBF1DF

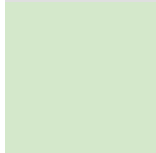
Monochromacy



Original Color
C1F9A8



Achromatopsia
DFDFDF



Achromatomaly
D4E8CB

CSS Examples

Text

The CSS property to change the color of the text to Hex C1F9A8 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 #C1F9A8 looks like.

```
.text, #text, p{  
    color:#C1F9A8  
}
```

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 #C1F9A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1F9A8
}
```

Border

The CSS property to change the border of an element to Hex C1F9A8 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
#C1F9A8 }
```

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

```
.border{ border-color:#C1F9A8 }
```

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

Here you see how a box with a 4 pixel #C1F9A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1F9A8; -webkit-box-shadow:4px 4px  
4px 4px #C1F9A8; box-shadow:4px 4px 4px  
4px #C1F9A8 }
```

Background

The CSS property to change the background color of an element to Hex C1F9A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1F9A8 }
```

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

```
.background{ background-color:#C1F9A8 }
```

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