

Converting Colors

Hex(C8EE94)

Have a look what the booklet for
Hex(C8EE94) contains.

Hex(C8EE94)	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(C8EE94)

Conversions

Conversions Part 1

Format	Color
Hex	C8EE94
RGB	200, 238, 148
RGB Percent	78%, 93%, 58%
CMY	0.2157, 0.0667, 0.4196
CMYK	0.16, 0.00, 0.38, 0.07
HSL	85°, 73%, 76%
HSV	85°, 38%, 93%
XYZ	59.7392, 75.5665, 39.4542
YIQ	216.3780, 6.2420, -36.0460

Conversions

Conversions Part 2

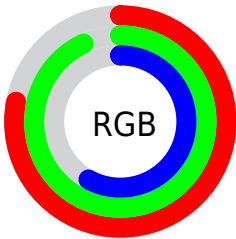
Format	Color
RYB	148, 238, 186
Decimal	13168276
CIELab	89.66, -27.13, 39.58
CIELCh	90, 47.986, 124.422
Yxy	75.5665, 0.3418, 0.4324
Android (android.graphics.Color)	4291358356 (0xFFC8EE94)
YUV	216.3780, -33.7104, -14.3635
Hunter-Lab	86.9290, -29.4573, 33.9406

Details

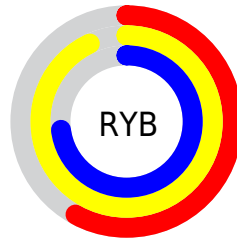
The Hex color **C8EE94** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **BA94EE**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFFCB**, and **91B660** is the 20% darker color. If you saturate the color by 10%, you get **BEEE7C**, and if you desaturate by 10%, it is **D2EEAC**.

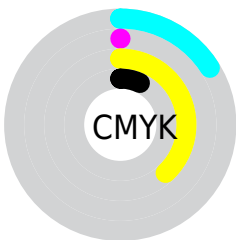
Distribution



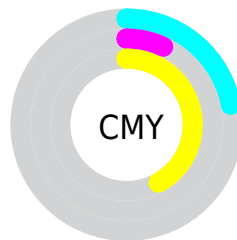
- Red (78%)
- Green (93%)
- Blue (58%)



- Red (58%)
- Yellow (93%)
- Blue (73%)



- Cyan (16%)
- Magenta (0%)
- Yellow (38%)
- Black (7%)



- Cyan (22%)
- Magenta (7%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color C8EE94 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 C8EE94 by changing the saturation by 10% instead.

 C8EE94

 C8EE94

FFFFFF

 ACD27A

 FFFFCB

 91B660

 FFFFE7

 769B47

 5C812E

 436815

 294F00

 103800

 002300

 000000

 C8EE94

 C8EE94

 BEEE7C

 D2EEAC

 B4EE64

 DCEE4

 AAEE4D

 E6EEDB

 A0EE35

 F0EEF3

 96EE1D

 FAEEFF

 8CEE05

 FFEEFF

 8AEE00

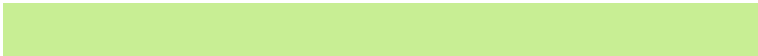
Harmonies

Analogous

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



F9E185



C8EE94



90F6B8

Triad

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



C8EE94



52F1FF



FFBDDC

Complementary

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



C8EE94



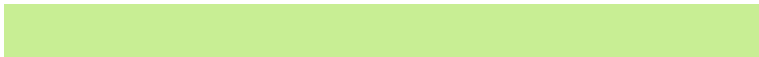
BA94EE

Split Complementary

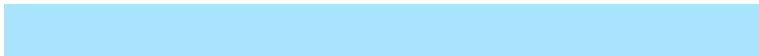
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC4FF



C8EE94



A9E4FF

Square

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



C8EE94



00F8FF



EFD3FF



FFC3B0

Rectangle

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



C8EE94



64F9D7



EFD3FF



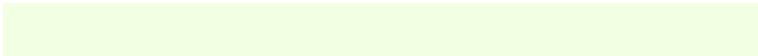
FFBEEC

Sweetspot

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



C8EE94



F3FFE3



EEBA94



79806F



000000



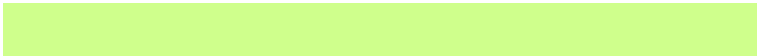
808080

Same Dimension

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



C8EE94



CFFF8C



9CEE94



73786C



6AB800



203800

Inverse Universe

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



BA94EE



BD8CFF



E694EE



716C78



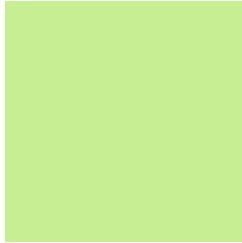
4E00B8



180038

Previews

White Background



This preview shows how the Hex color C8EE94 looks on a white background.

Color Contrast Check

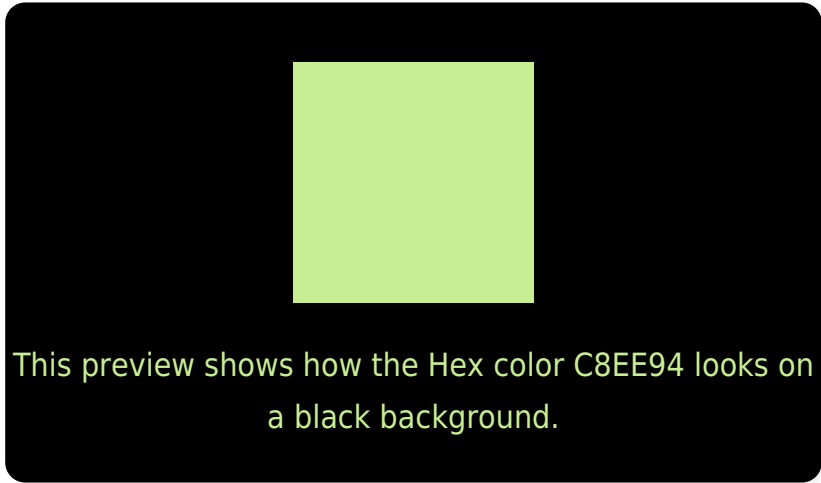
Large Text (above 18pt) WCAG AA × Fail

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

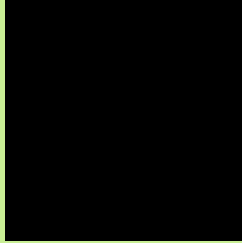
Any Text WCAG AA ✓ Pass

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 C8EE94 Background



This preview shows how black text looks on a background with the Hex color C8EE94.

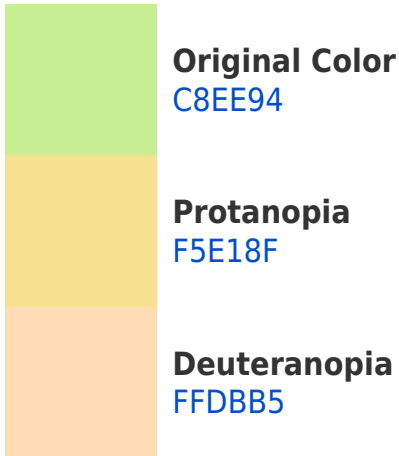


This preview shows how white text looks on a background with the Hex color C8EE94.

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](#).

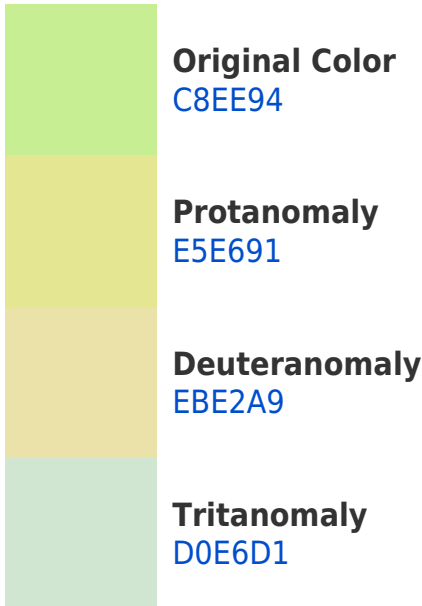
Dichromacy



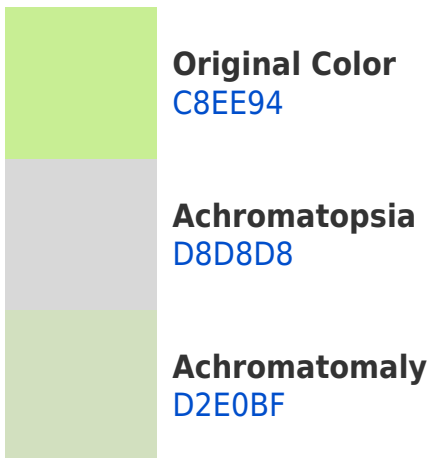


Tritanopia
D5E2F4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C8EE94 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 #C8EE94 looks like.

```
.text, #text, p{  
    color:#C8EE94  
}
```

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 #C8EE94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8EE94
}
```

Border

The CSS property to change the border of an element to Hex C8EE94 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
#C8EE94 }
```

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

```
.border{ border-color:#C8EE94 }
```

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

Here you see how a box with a 4 pixel #C8EE94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8EE94; -webkit-box-shadow:4px 4px  
4px 4px #C8EE94; box-shadow:4px 4px 4px  
4px #C8EE94 }
```

Background

The CSS property to change the background color of an element to Hex C8EE94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8EE94 }
```

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

```
.background{ background-color:#C8EE94 }
```

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