

Converting Colors

Hex(CCFE9A)

Have a look what the booklet for
Hex(CCFE9A) contains.

Hex(CCFE9A)	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(CCFE9A)

Conversions

Conversions Part 1

Format	Color
Hex	CCFE9A
RGB	204, 254, 154
RGB Percent	80%, 100%, 60%
CMY	0.2000, 0.0039, 0.3961
CMYK	0.20, 0.00, 0.39, 0.00
HSL	90°, 98%, 80%
HSV	90°, 39%, 100%
XYZ	66.1764, 86.0541, 43.6941
YIQ	227.6500, 2.3000, -41.7000

Conversions

Conversions Part 2

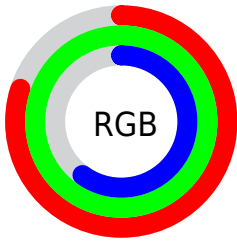
Format	Color
RYB	154, 254, 204
Decimal	13434522
CIELab	94.34, -32.43, 42.71
CIELCh	94, 53.628, 127.204
Yxy	86.0541, 0.3378, 0.4392
Android (android.graphics.Color)	4291624602 (0xFFCCFE9A)
YUV	227.6500, -36.3095, -20.7411
Hunter-Lab	92.7653, -35.0021, 37.0091

Details

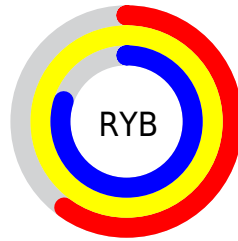
The Hex color **CCFE9A** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **CC9AFE**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **FFFFD1**, and **94C565** is the 20% darker color. If you saturate the color by 10%, you get **BFFE81**, and if you desaturate by 10%, it is **D9FEB3**.

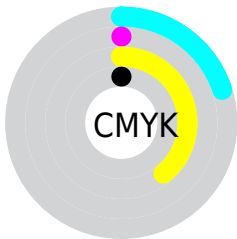
Distribution



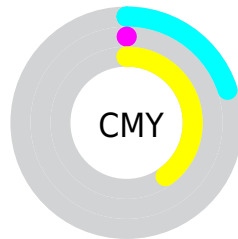
- Red (80%)
- Green (100%)
- Blue (60%)



- Red (60%)
- Yellow (100%)
- Blue (80%)



- Cyan (20%)
- Magenta (0%)
- Yellow (39%)
- Black (0%)



- Cyan (20%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCFE9A 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 CCFE9A by changing the saturation by 10% instead.

 CCFE9A

FFFFFF

 FFFFD1

 FFFFEE

 CCFE9A

 B0E17F

 94C565

 79AA4C

 5F8F33

 457519

 2A5C00

 104400

 002D00

 001800

 CCFE9A

 CCFE9A

 BFFE81

 D9FEB3

 B3FE67

 E5FECD

 A6FE4E

 F2FEE6

 99FE34

FFFEFF

 8DFE1B

 80FE02

 7FFE00

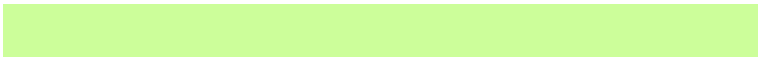
Harmonies

Analogous

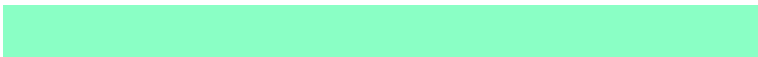
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFF086



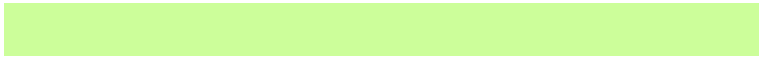
CCFE9A



8AFFC5

Triad

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



CCFE9A



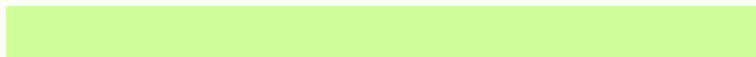
46FFFF



FFC5E4

Complementary

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



CCFE9A



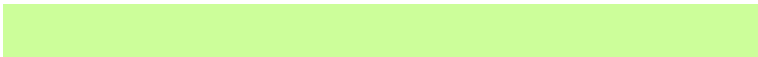
CC9AFE

Split Complementary

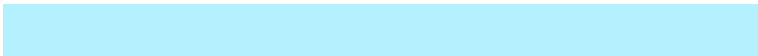
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFCCFF



CCFE9A



B5F0FF

Square

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



CCFE9A



00FFFF



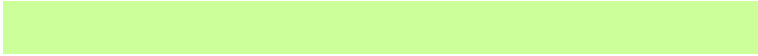
FFDDFF



FFCDB3

Rectangle

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



CCFE9A



50FFE8



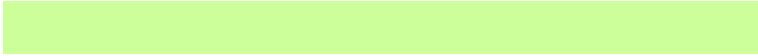
FFDDFF



FFC6F6

Sweetspot

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



CCFE9A



F0FFE0



FECC9A



77806E



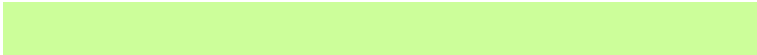
000000



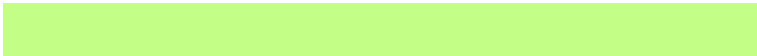
808080

Same Dimension

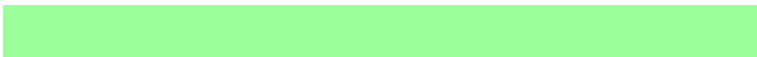
The Same Dimension uses a secret algorithm to generate beautiful new colors.



CCFE9A



C3FF87



9AFE9A



798073



60BF00



204000

Inverse Universe

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



CC9AFE



C387FF



FE9AFE



797380



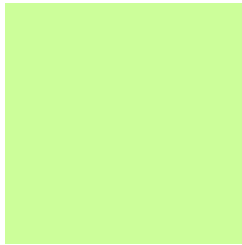
6000BF



200040

Previews

White Background



This preview shows how the Hex color CCFE9A looks on a white background.

Color Contrast Check

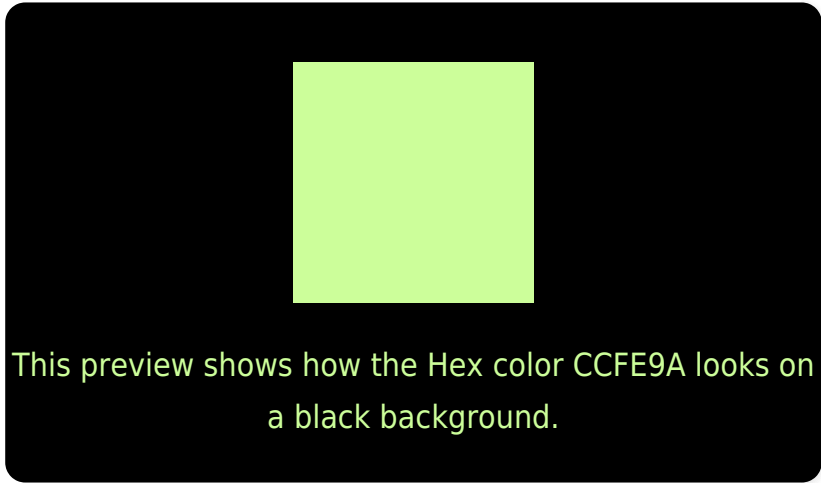
Large Text (above 18pt) WCAG AA × Fail

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 CCFE9A Background



This preview shows how black text looks on a background with the Hex color CCFE9A.

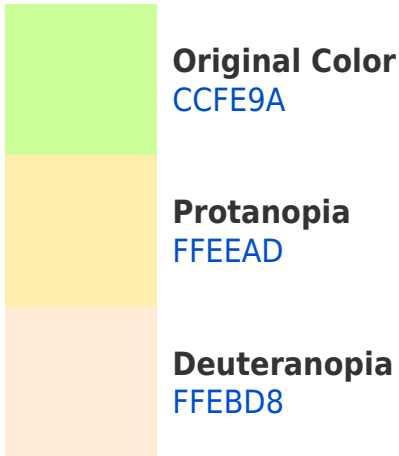


This preview shows how white text looks on a background with the Hex color CCFE9A.

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](#).

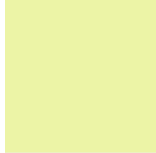
Dichromacy



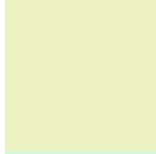
Trichromacy



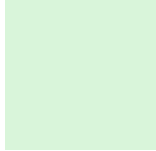
Original Color
CCFE9A



Protanomaly
ECF4A6

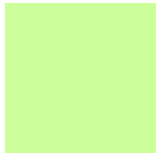


Deuteranomaly
ECF2C1

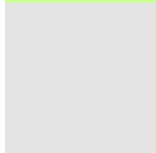


Tritanomaly
D9F5DA

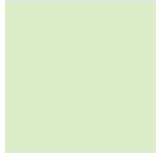
Monochromacy



Original Color
CCFE9A



Achromatopsia
E4E4E4



Achromatomaly
DBEDC9

CSS Examples

Text

The CSS property to change the color of the text to Hex CCFE9A 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 #CCFE9A looks like.

```
.text, #text, p{  
    color:#CCFE9A  
}
```

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 #CCFE9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCFE9A
}
```

Border

The CSS property to change the border of an element to Hex CCFE9A 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
#CCFE9A }
```

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

```
.border{ border-color:#CCFE9A }
```

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

Here you see how a box with a 4 pixel #CCFE9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCFE9A; -webkit-box-shadow:4px 4px  
4px 4px #CCFE9A; box-shadow:4px 4px 4px  
4px #CCFE9A }
```

Background

The CSS property to change the background color of an element to Hex CCFE9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCFE9A }
```

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

```
.background{ background-color:#CCFE9A }
```

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