

Converting Colors

Hex(CCFF89)

Have a look what the booklet for
Hex(CCFF89) contains.

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Color

Hex(CCFF89)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | CCFF89 |
| RGB | 204, 255, 137 |
| RGB Percent | 80%, 100%, 54% |
| CMY | 0.2000, 0.0000, 0.4627 |
| CMYK | 0.20, 0.00, 0.46, 0.00 |
| HSL | 86°, 100%, 77% |
| HSV | 86°, 46%, 100% |
| XYZ | 65.1772, 86.1635, 36.8629 |
| YIQ | 226.2990, 7.4820, -47.5100 |

Conversions

Conversions Part 2

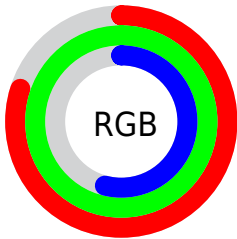
| Format | Color |
|-------------------------------------|--|
| RYB | 137, 255, 188 |
| Decimal | 13434761 |
| CIELab | 94.38, -34.87, 50.92 |
| CIELCh | 94, 61.716, 124.402 |
| Yxy | 86.1635, 0.3463, 0.4578 |
| Android (android.graphics.Color) | 4291624841 (0xFFCCFF89) |
| YUV | 226.2990, -44.0244, -19.5562 |
| Hunter-Lab | 92.8243, -37.1076, 41.4314 |

Details

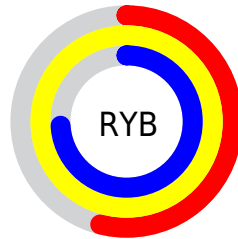
The Hex color **CCFF89** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **BC89FF**, and the grayscale version is **E3E3E3**.

A 20% lighter version of the original color is **FFFFC0**, and **94C654** is the 20% darker color. If you saturate the color by 10%, you get **C1FF70**, and if you desaturate by 10%, it is **D7FFA3**.

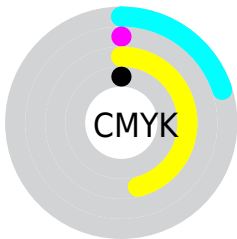
Distribution



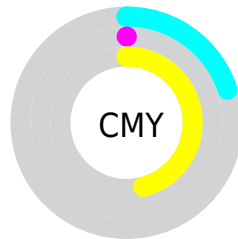
- Red (80%)
- Green (100%)
- Blue (54%)



- Red (54%)
- Yellow (100%)
- Blue (74%)



- Cyan (20%)
- Magenta (0%)
- Yellow (46%)
- Black (0%)



- Cyan (20%)
- Magenta (0%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCFF89 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 CCFF89 by changing the saturation by 10% instead.

 CCFF89

FFFFFF

 FFFFC0

 FFFFDD

 FFFFFA

 CCFF89

 B0E26E

 94C654

 78AB3A

 5D901E

 427600

 275D00

 054500

 002E00

 001800

 CCFF89

 CCFF89

 C1FF70

 D7FFA3

 B6FF56

 E2FFBC

 ABFF3C

 EDFFD6

 A0FF23

 F8FFE6

 95FF09

FFFFFF

 91FF00

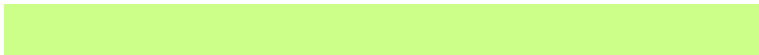
Harmonies

Analogous

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



FFEE74



CCFF89



7DFFB9

Triad

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



CCFF89



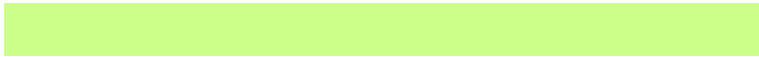
00FFFF



FFBDE8

Complementary

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



CCFF89



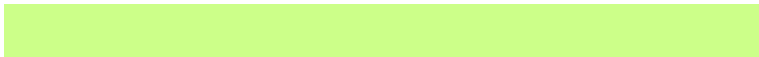
BC89FF

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.



FFC7FF



CCFF89



9AF2FF

Square

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



CCFF89



00FFFF



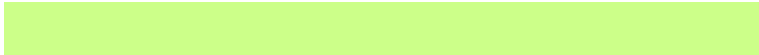
FFDCFF



FFC5AF

Rectangle

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



CCFF89



0CFFE1



FFDCFF



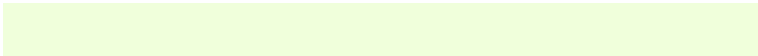
FFBEFD

Sweetspot

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



CCFF89



F0FFDB



FFBA89



76806A



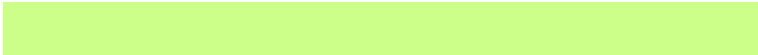
000000



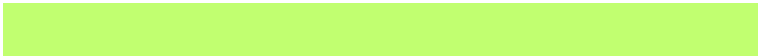
808080

Same Dimension

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



CCFF89



C1FF70



93FF89



7A8073



6DBF00



244000

Inverse Universe

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



BC89FF



AE70FF



F589FF



787380



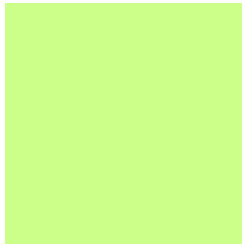
5300BF



1C0040

Previews

White Background



This preview shows how the Hex color CCFF89 looks on a white background.

Color Contrast Check

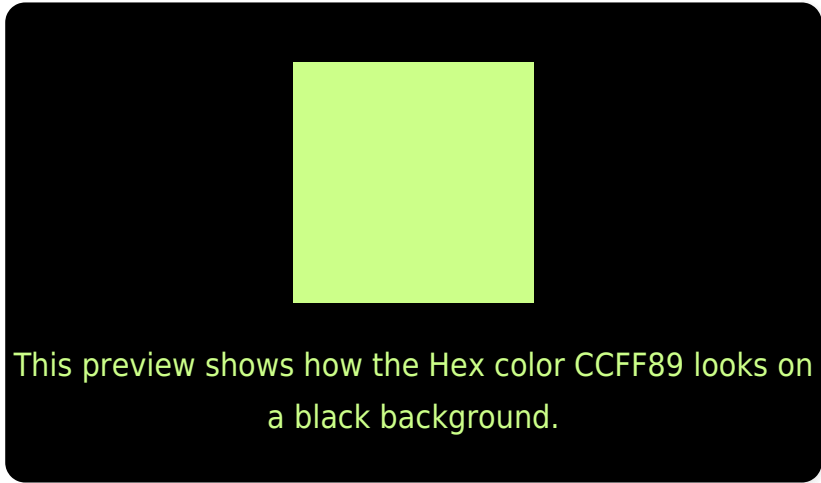
Large Text (above 18pt) WCAG AA × Fail

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

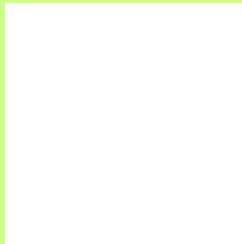
Any Text WCAG AAA ✓ Pass

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

Hex CCFF89 Background



This preview shows how black text looks on a background with the Hex color CCFF89.

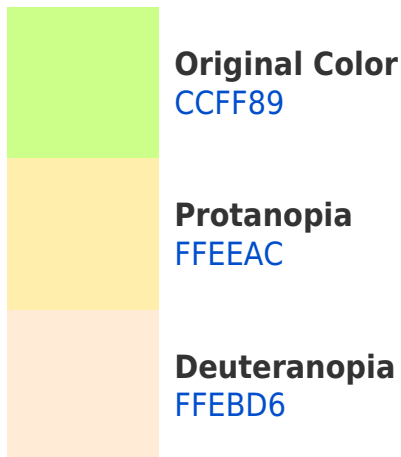


This preview shows how white text looks on a background with the Hex color CCFF89.

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](#).

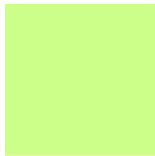
Dichromacy



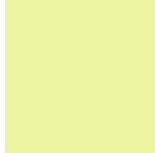


Tritanopia
E1F0FF

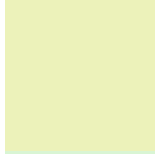
Trichromacy



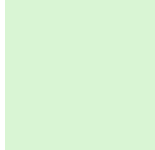
Original Color
CCFF89



Protanomaly
ECF49F



Deuteranomaly
ECF2BA

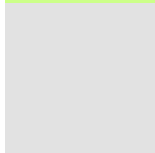


Tritanomaly
D9F5D4

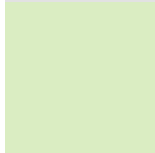
Monochromacy



Original Color
CCFF89



Achromatopsia
E2E2E2



Achromatomaly
DAEDC2

CSS Examples

Text

The CSS property to change the color of the text to Hex CCFF89 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 #CCFF89 looks like.

```
.text, #text, p{  
    color:#CCFF89  
}
```

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 #CCFF89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCFF89
}
```

Border

The CSS property to change the border of an element to Hex CCFF89 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
#CCFF89 }
```

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

```
.border{ border-color:#CCFF89 }
```

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

Here you see how a box with a 4 pixel #CCFF89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCFF89; -webkit-box-shadow:4px 4px  
4px 4px #CCFF89; box-shadow:4px 4px 4px  
4px #CCFF89 }
```

Background

The CSS property to change the background color of an element to Hex CCFF89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCFF89 }
```

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

```
.background{ background-color:#CCFF89 }
```

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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