

Converting Colors

Hex(C5FF81)

Have a look what the booklet for
Hex(C5FF81) contains.

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Color

Hex(C5FF81)

Conversions

Conversions Part 1

Format	Color
Hex	C5FF81
RGB	197, 255, 129
RGB Percent	77%, 100%, 51%
CMY	0.2275, 0.0000, 0.4941
CMYK	0.23, 0.00, 0.49, 0.00
HSL	88°, 100%, 75%
HSV	88°, 49%, 100%
XYZ	62.7484, 84.9753, 33.8636
YIQ	223.2940, 5.8780, -51.4820

Conversions

Conversions Part 2

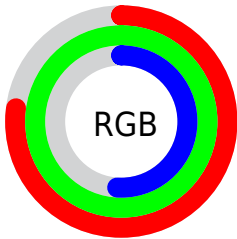
Format	Color
RYB	129, 255, 187
Decimal	12976001
CIELab	93.87, -38.22, 53.93
CIElCh	94, 66.100, 125.324
Yxy	84.9753, 0.3456, 0.4680
Android (android.graphics.Color)	4291166081 (0xFFC5FF81)
YUV	223.2940, -46.4869, -23.0598
Hunter-Lab	92.1820, -39.8135, 42.7469

Details

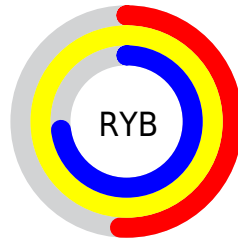
The Hex color **C5FF81** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **BB81FF**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFFB8**, and **8CC64C** is the 20% darker color. If you saturate the color by 10%, you get **B9FF68**, and if you desaturate by 10%, it is **D1FF9B**.

Distribution



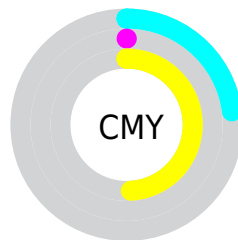
- Red (77%)
- Green (100%)
- Blue (51%)



- Red (51%)
- Yellow (100%)
- Blue (73%)



- Cyan (23%)
- Magenta (0%)
- Yellow (49%)
- Black (0%)



- Cyan (23%)
- Magenta (0%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color C5FF81 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 C5FF81 by changing the saturation by 10% instead.

 C5FF81

 C5FF81

FFFFFF

 A8E266

 FFFF88

 8CC64C

 FFFFD5

 71AA31

 FFFFF2

 569011

 3A7600

 1D5D00

 004400

 002E00

 001600

 C5FF81

 C5FF81

 B9FF68

 D1FF9B

 AEFF4E

 DCFFB4

 A2FF35

 E8FFCE

 96FF1B

 F4FFE7

 8AFF02

FFFFFF

 8AFF00

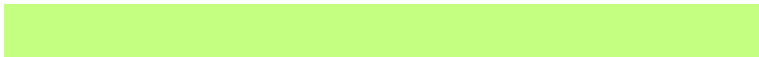
Harmonies

Analogous

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



FFEE69



C5FF81



6CFFB6

Triad

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



C5FF81



00FFFF



FFB7E4

Complementary

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



C5FF81



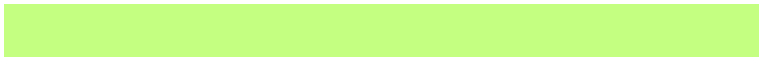
BB81FF

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.



FFC1FF



C5FF81



92F0FF

Square

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



C5FF81



00FFFF



FFD8FF



FFC1A7

Rectangle

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



C5FF81



00FE1



FFD8FF



FFB8FA

Sweetspot

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



C5FF81



EDFFD9



FFBA81



758069



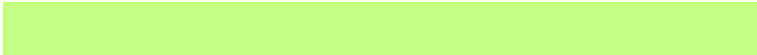
000000



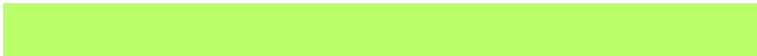
808080

Same Dimension

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



C5FF81



BAFF69



87FF81



7A8073



67BF00



224000

Inverse Universe

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



BB81FF



AE69FF



F981FF



797380



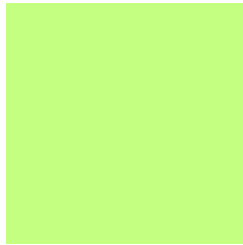
5800BF



1D0040

Previews

White Background



This preview shows how the Hex color C5FF81 looks on a white background.

Color Contrast Check

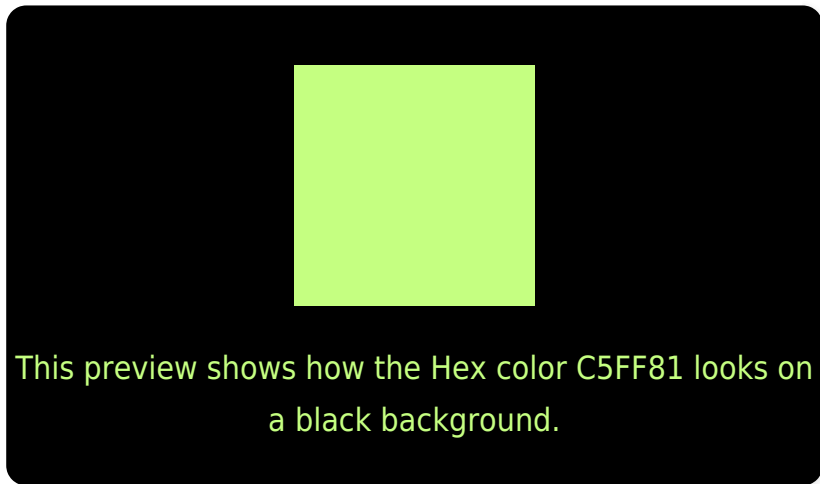
Large Text (above 18pt) WCAG AA × Fail

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 C5FF81 Background



This preview shows how black text looks on a background with the Hex color C5FF81.

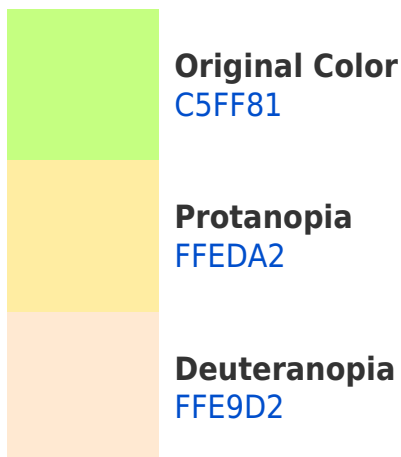


This preview shows how white text looks on a background with the Hex color C5FF81.

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](#).

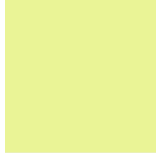
Dichromacy



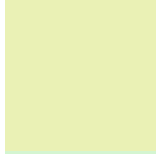
Trichromacy



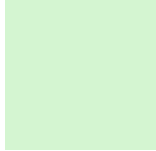
Original Color
C5FF81



Protanomaly
EAF496

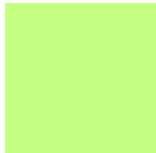


Deuteranomaly
EAF1B5

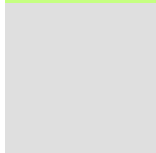


Tritanomaly
D4F5D1

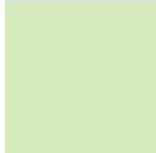
Monochromacy



Original Color
C5FF81



Achromatopsia
DFDFDF



Achromatomaly
D6EBBD

CSS Examples

Text

The CSS property to change the color of the text to Hex C5FF81 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 #C5FF81 looks like.

```
.text, #text, p{  
    color:#C5FF81  
}
```

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 #C5FF81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5FF81
}
```

Border

The CSS property to change the border of an element to Hex C5FF81 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
#C5FF81 }
```

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

```
.border{ border-color:#C5FF81 }
```

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

Here you see how a box with a 4 pixel #C5FF81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5FF81; -webkit-box-shadow:4px 4px  
4px 4px #C5FF81; box-shadow:4px 4px 4px  
4px #C5FF81 }
```

Background

The CSS property to change the background color of an element to Hex C5FF81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5FF81 }
```

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

```
.background{ background-color:#C5FF81 }
```

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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