

Converting Colors

Hex(CCFF86)

Have a look what the booklet for
Hex(CCF86) contains.

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Color

Hex(**CCFF86**)

Conversions

Conversions Part 1

Format	Color
Hex	CCFF86
RGB	204, 255, 134
RGB Percent	80%, 100%, 53%
CMY	0.2000, 0.0000, 0.4745
CMYK	0.20, 0.00, 0.47, 0.00
HSL	85°, 100%, 76%
HSV	85°, 47%, 100%
XYZ	64.9649, 86.0786, 35.7451
YIQ	225.9570, 8.4450, -48.4430

Conversions

Conversions Part 2

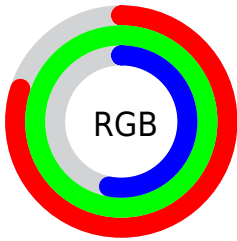
Format	Color
RYB	134, 255, 185
Decimal	13434758
CIELab	94.35, -35.19, 52.28
CIELCh	94, 63.023, 123.945
Yxy	86.0786, 0.3478, 0.4608
Android (android.graphics.Color)	4291624838 (0xFFCCFF86)
YUV	225.9570, -45.3348, -19.2563
Hunter-Lab	92.7786, -37.3741, 42.1021

Details

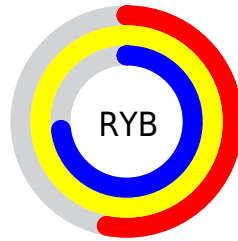
The Hex color **CCFF86** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **B986FF**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **FFFFBD**, and **93C651** is the 20% darker color. If you saturate the color by 10%, you get **C1FF6D**, and if you desaturate by 10%, it is **D7FFA0**.

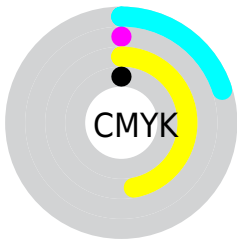
Distribution



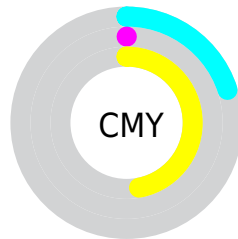
- Red (80%)
- Green (100%)
- Blue (53%)



- Red (53%)
- Yellow (100%)
- Blue (73%)



- Cyan (20%)
- Magenta (0%)
- Yellow (47%)
- Black (0%)



- Cyan (20%)
- Magenta (0%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCFF86 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 CCFF86 by changing the saturation by 10% instead.

 CCFF86

 CCFF86

FFFFFF

 AFE26B

 FFFFBD

 93C651

 FFFFDA

 78AB36

 FFFFF7

 5D9019

 427600

 275D00

 044500

 002E00

 001800

 CCFF86

 CCFF86

 C1FF6D

 D7FFA0

 B7FF53

 E1FFB9

 ACFF3A

 ECFFD3

 A1FF20

 F7FFEC

 96FF07

FFFFFF

 94FF00

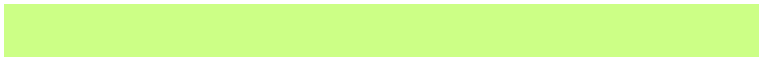
Harmonies

Analogous

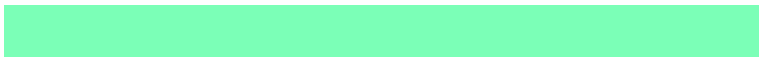
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFEE71



CCFF86



7BFFB7

Triad

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



CCFF86



00FFFF



FFBCE9

Complementary

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



CCFF86



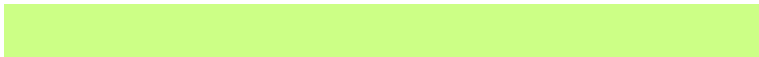
B986FF

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.



FFC6FF



CCFF86



95F2FF

Square

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



CCFF86



00FFFF



FEDCFF



FFC4AE

Rectangle

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



CCFF86



00FFE0



FEDCFF



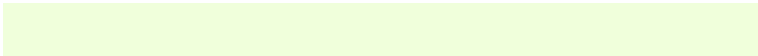
FFBDFE

Sweetspot

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



CCFF86



F0FFDB



FFB886



76806A



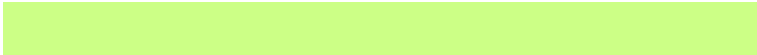
000000



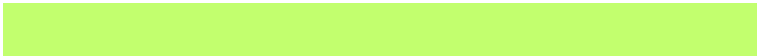
808080

Same Dimension

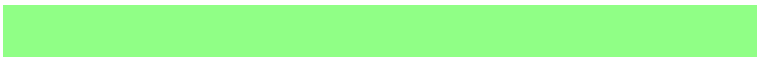
The Same Dimension uses a secret algorithm to generate beautiful new colors.



CCFF86



C2FF6E



90FF86



7A8073



6FBF00



254000

Inverse Universe

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



B986FF



AB6EFF



F586FF



787380



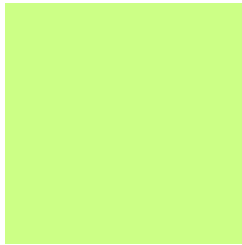
5100BF



1B0040

Previews

White Background



This preview shows how the Hex color CCFF86 looks on a white background.

Color Contrast Check

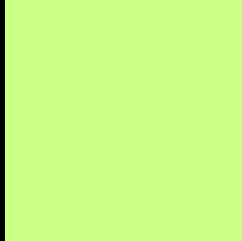
Large Text (above 18pt) WCAG AA × Fail

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 CCFF86 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

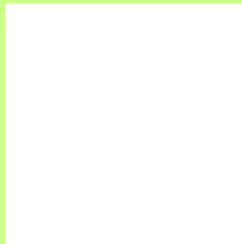
Any Text WCAG AAA ✓ Pass

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

Hex CCFF86 Background



This preview shows how black text looks on a background with the Hex color CCFF86.

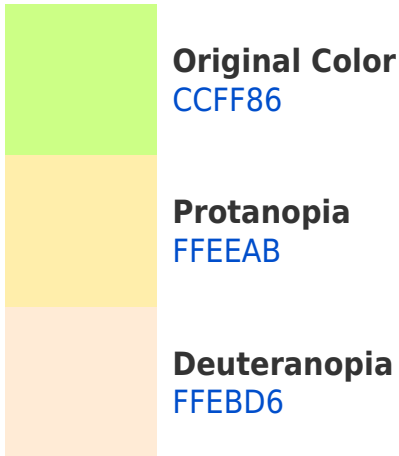


This preview shows how white text looks on a background with the Hex color CCFF86.

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

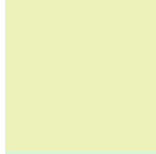
Trichromacy



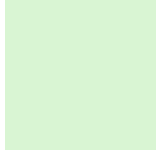
Original Color
CCFF86



Protanomaly
ECF49E

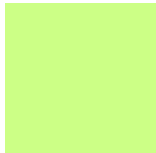


Deuteranomaly
ECF2B9

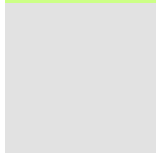


Tritanomaly
D9F5D3

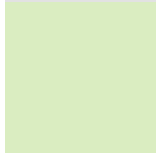
Monochromacy



Original Color
CCFF86



Achromatopsia
E2E2E2



Achromatomaly
DAEDC1

CSS Examples

Text

The CSS property to change the color of the text to Hex CCFF86 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 #CCFF86 looks like.

```
.text, #text, p{  
    color:#CCFF86  
}
```

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 #CCFF86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCFF86  
}
```

Border

The CSS property to change the border of an element to Hex CCFF86 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  
#CCFF86 }
```

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

```
.border{ border-color:#CCFF86 }
```

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

Here you see how a box with a 4 pixel #CCFF86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCFF86; -webkit-box-shadow:4px 4px  
4px 4px #CCFF86; box-shadow:4px 4px 4px  
4px #CCFF86 }
```

Background

The CSS property to change the background color of an element to Hex CCFF86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCFF86 }
```

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

```
.background{ background-color:#CCFF86 }
```

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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