

# Converting Colors

Hex(CCFB6A)

Have a look what the booklet for  
Hex(CCFB6A) contains.

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# Color

**Hex(CCFB6A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CCFB6A
RGB	204, 251, 106
RGB Percent	80%, 98%, 42%
CMY	0.2000, 0.0157, 0.5843
CMYK	0.19, 0.00, 0.58, 0.02
HSL	79°, 95%, 70%
HSV	79°, 58%, 98%
XYZ	62.0005, 82.8723, 26.3639
YIQ	220.4170, 18.5330, -55.0590

# Conversions

## Conversions Part 2

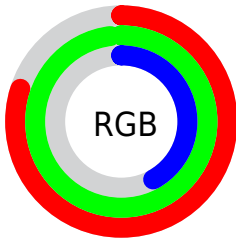
<b>Format</b>	<b>Color</b>
<b>RYB</b>	106, 251, 153
Decimal	13433706
CIELab	92.96, -36.02, 63.20
CIELCh	93, 72.745, 119.676
Yxy	82.8723, 0.3621, 0.4840
Android (android.graphics.Color)	4291623786 (0xFFCCFB6A)
YUV	220.4170, -56.4076, -14.3977
Hunter-Lab	91.0342, -37.7392, 46.5534

# Details

The Hex color **CCFB6A** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **996AFB**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFA2**, and **93C231** is the 20% darker color. If you saturate the color by 10%, you get **C4FB51**, and if you desaturate by 10%, it is **D4FB83**.

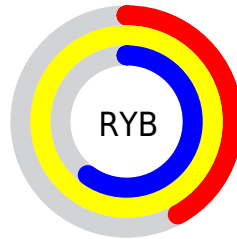
# Distribution



Red (80%)

Green (98%)

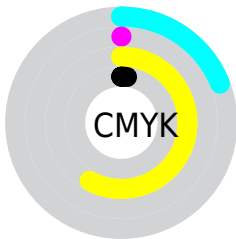
Blue (42%)



Red (42%)

Yellow (98%)

Blue (60%)

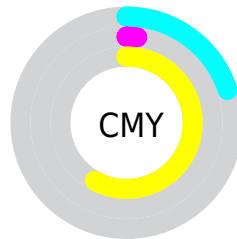


Cyan (19%)

Magenta (0%)

Yellow (58%)

Black (2%)



Cyan (20%)

Magenta (2%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCFB6A 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 CCFB6A by changing the saturation by 10% instead.



 CCFB6A

FFFFFF

 FFFFA2

 FFFFBE

 FFFFDB

 FFFFF8

 CCFB6A

 AFDE4E

 93C231

 77A70B

 5B8C00

 3F7300

 235A00

 004200

 002B00

 001200

 CCFB6A

 CCFB6A

 C4FB51

 D4FB83

 BCFB38

 DCFB9C

 B4FB1F

 E4FBB5

 ABFB06

 EDFBCE

 AAFB00

 F5FBE7

 FDFBFF

 FFFBFF

# Harmonies

## Analogous

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



FFE757



CCFB6A



6CFFA1

# Triad

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



CCFB6A



00FFFF



FFAEE

# Complementary

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



CCFB6A



996AFB

# 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.



FFBDFD



CCFB6A



4BF3FF

# Square

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



CCFB6A



00FFFF



ECD9FF



FFB5A9

# Rectangle

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



CCFB6A



00FFCF



ECD9FF



FFB0FF

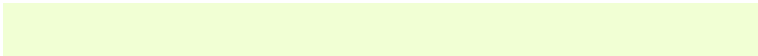


# Sweetspot

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



CCFB6A



F1FFD4



FB986A



778066



000000



808080



# Same Dimension

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



CCFB6A



C6FF4F



85FB6A



797D70



80BD00



293D00



# Inverse Universe

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



996AFB



884FFF



E06AFB



75707D



3D00BD

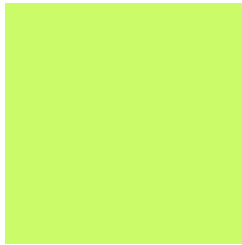


14003D



# Previews

## White Background



This preview shows how the Hex color CCFB6A looks on a white background.

## Color Contrast Check

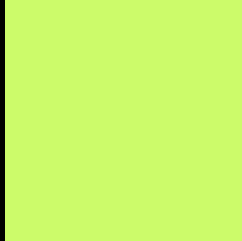
Large Text (above 18pt) WCAG AA × Fail

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 CCFB6A 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 CCFB6A Background



This preview shows how black text looks on a background with the Hex color CCFB6A.

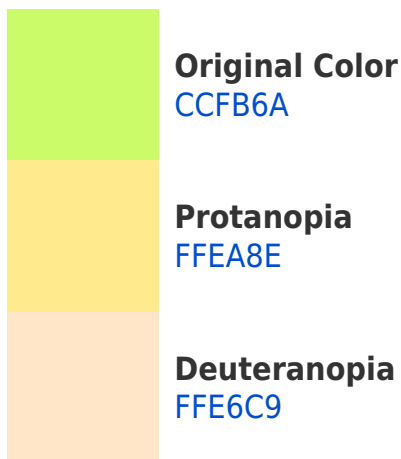


This preview shows how white text looks on a background with the Hex color CCFB6A.

# 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

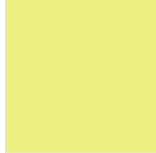




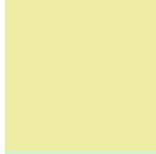
# Trichromacy



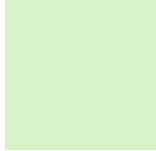
**Original Color**  
CCFB6A



**Protanomaly**  
ECF081

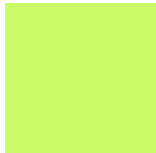


**Deuteranomaly**  
ECEE66

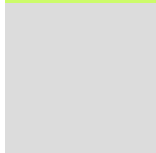


**Tritanomaly**  
D7F1C8

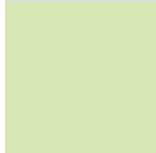
# Monochromacy



**Original Color**  
CCFB6A



**Achromatopsia**  
DCDCDC



**Achromatomaly**  
D6E7B3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCFB6A 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 #CCFB6A looks like.

```
.text, #text, p{  
    color:#CCFB6A  
}
```

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 #CCFB6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCFB6A
}
```

## Border

The CSS property to change the border of an element to Hex CCFB6A 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
#CCFB6A }
```

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

```
.border{ border-color:#CCFB6A }
```

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

Here you see how a box with a 4 pixel #CCFB6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCFB6A; -webkit-box-shadow:4px 4px  
4px 4px #CCFB6A; box-shadow:4px 4px 4px  
4px #CCFB6A }
```

# Background

The CSS property to change the background color of an element to Hex CCFB6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCFB6A }
```

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

```
.background{ background-color:#CCFB6A }
```

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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