

# Converting Colors

Hex(C7DF86)

Have a look what the booklet for  
Hex(C7DF86) contains.

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# **Color**

**Hex(C7DF86)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7DF86
RGB	199, 223, 134
RGB Percent	78%, 87%, 53%
CMY	0.2196, 0.1255, 0.4745
CMYK	0.11, 0.00, 0.40, 0.13
HSL	76°, 58%, 70%
HSV	76°, 40%, 87%
XYZ	54.2439, 66.6387, 32.5579
YIQ	205.6780, 14.2650, -32.7670

# Conversions

## Conversions Part 2

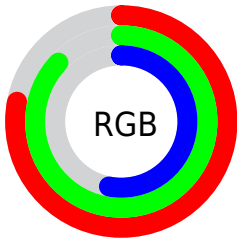
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 223, 158
Decimal	13098886
CIELab	85.32, -21.99, 40.95
CIELCh	85, 46.482, 118.236
Yxy	66.6387, 0.3535, 0.4343
Android (android.graphics.Color)	4291288966 (0xFFC7DF86)
YUV	205.6780, -35.3373, -5.8566
Hunter-Lab	81.6325, -24.2456, 33.4959

# Details

The Hex color **C7DF86** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **9E86DF**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFFBC**, and **90A52** is the 20% darker color. If you saturate the color by 10%, you get **C1DF70**, and if you desaturate by 10%, it is **CDDF9C**.

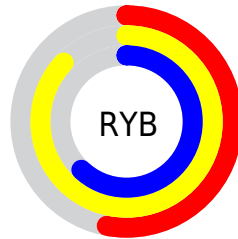
# Distribution



Red (78%)

Green (87%)

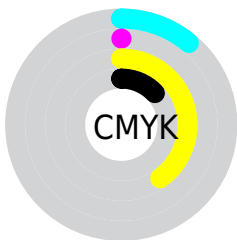
Blue (53%)



Red (53%)

Yellow (87%)

Blue (62%)

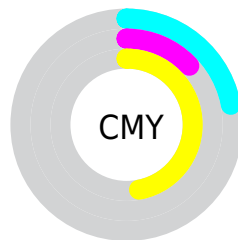


Cyan (11%)

Magenta (0%)

Yellow (40%)

Black (13%)



Cyan (22%)

Magenta (13%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7DF86 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 C7DF86 by changing the saturation by 10% instead.



 C7DF86

FFFFFF

 FFFFBC

 FFFFD8

 FFFFF5

 C7DF86

 ABC36C

 90A852

 758D3A

 5B7421

 425B04

 2A4300

 102D00

 001B00

 000000

 C7DF86

 C7DF86

 C1DF70

 CDDF9C

 BBDF59

 D3DFB3

 B5DF43

 D9DFC9

 AFDF2D

 DFDFDF

 A9DF16

 E5DFF5

 A3DF00

 EBDFFF

 F1DFFF

 F7DFFF

 FDDFFF

# Harmonies

## Analogous

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



F4D27C



C7DF86



93E8A5

# Triad

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



C7DF86



35E6FF



FFB3DA

# Complementary

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



C7DF86



9E86DF

# 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.



FFBBFF



C7DF86



8FDAFF

# Square

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



C7DF86



00ECFD



D6CBFF



FFB6AE

# Rectangle

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



C7DF86



6AEBC2



D6CBFF



FFB4E8

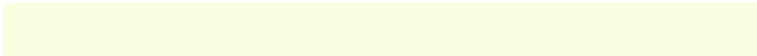


# Sweetspot

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



C7DF86



F7FFE0



DF9E86



7B806E



000000



808080

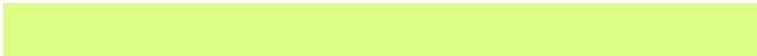


# Same Dimension

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



C7DF86



DEFF85



9BDF86



6D7065



81B000



233000



# Inverse Universe

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



9E86DF



A685FF



CA86DF



686570



2F00B0

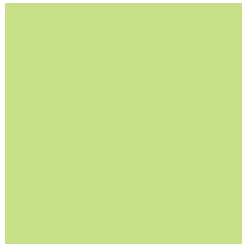


0D0030



# Previews

## White Background



This preview shows how the Hex color C7DF86 looks on a white background.

## Color Contrast Check

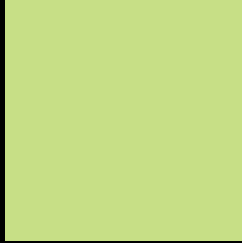
Large Text (above 18pt) WCAG AA × Fail

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 C7DF86 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

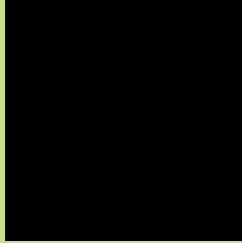
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C7DF86 Background



This preview shows how black text looks on a background with the Hex color C7DF86.

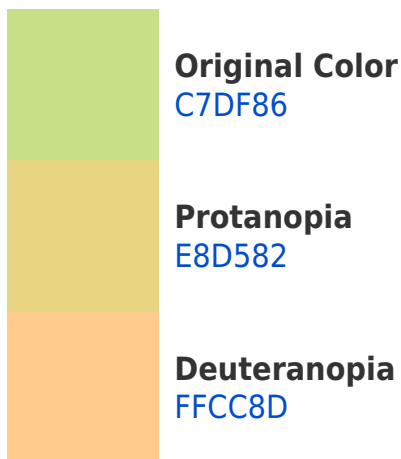


This preview shows how white text looks on a background with the Hex color C7DF86.

# 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](#).

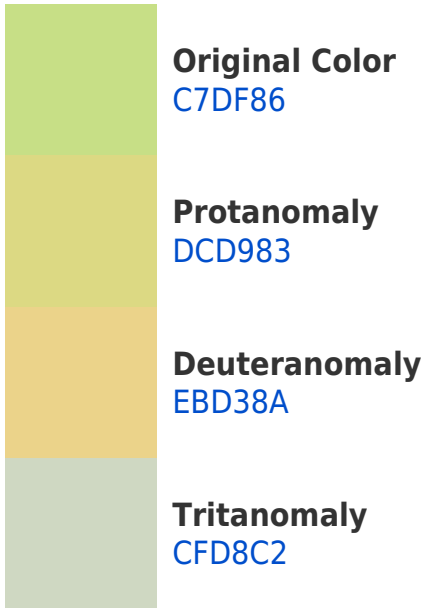
## Dichromacy



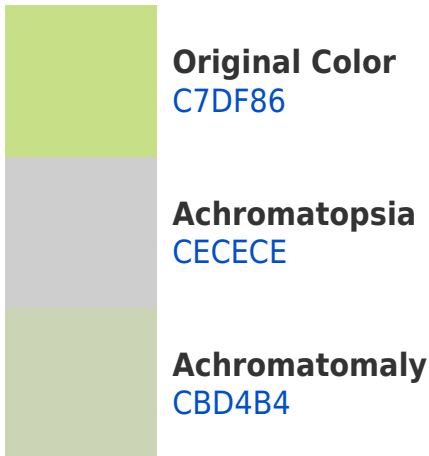


**Tritanopia**  
D3D4E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7DF86 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 #C7DF86 looks like.

```
.text, #text, p{  
    color:#C7DF86  
}
```

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 #C7DF86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7DF86
}
```

## Border

The CSS property to change the border of an element to Hex C7DF86 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
#C7DF86 }
```

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

```
.border{ border-color:#C7DF86 }
```

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

Here you see how a box with a 4 pixel #C7DF86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7DF86; -webkit-box-shadow:4px 4px  
4px 4px #C7DF86; box-shadow:4px 4px 4px  
4px #C7DF86 }
```

# Background

The CSS property to change the background color of an element to Hex C7DF86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7DF86 }
```

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

```
.background{ background-color:#C7DF86 }
```

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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