

# Converting Colors

Hex(CDF9B4)

Have a look what the booklet for  
Hex(CDF9B4) contains.

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# **Color**

**Hex(CDF9B4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDF9B4
RGB	205, 249, 180
RGB Percent	80%, 98%, 71%
CMY	0.1961, 0.0235, 0.2941
CMYK	0.18, 0.00, 0.28, 0.02
HSL	98°, 85%, 84%
HSV	98°, 28%, 98%
XYZ	67.2907, 84.0258, 55.8520
YIQ	227.9780, -4.0750, -30.7870

# Conversions

## Conversions Part 2

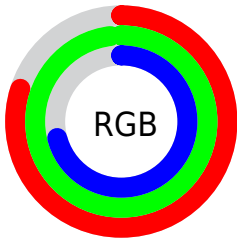
Format	Color
R <sub>YB</sub>	180, 249, 224
Decimal	13498804
CIE Lab	93.46, -26.19, 28.63
CIE LCh	93, 38.798, 132.450
Yxy	84.0258, 0.3248, 0.4056
Android (android.graphics.Color)	4291688884 (0xFFC9F9B4)
YUV	227.9780, -23.6532, -20.1517
Hunter-Lab	91.6656, -29.3798, 28.0404

# Details

The Hex color **CDF9B4** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E0B4F9**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **FFFFEC**, and **96C07F** is the 20% darker color. If you saturate the color by 10%, you get **BDF99B**, and if you desaturate by 10%, it is **DDF9CD**.

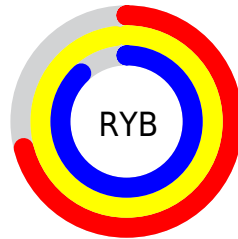
# Distribution



Red (80%)

Green (98%)

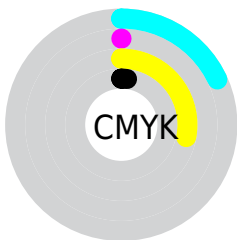
Blue (71%)



Red (71%)

Yellow (98%)

Blue (88%)

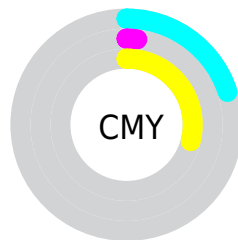


Cyan (18%)

Magenta (0%)

Yellow (28%)

Black (2%)



Cyan (20%)

Magenta (2%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDF9B4 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 CDF9B4 by changing the saturation by 10% instead.



 CDF9B4

FFFFFF

 FFFFEC

 CDF9B4

 B1DC99

 96C07F

 7BA565

 628B4D

 497135

 30581E

 174106

 002A00

 001400

 CDF9B4

 CDF9B4

 BDF99B

 DDF9CD

 ADF982

 EDF9E6

 9DF969

 FDF9FF

 8DF950

 FFF9FF

 7EF937

 6EF91F

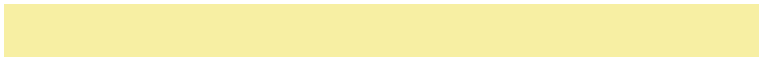
 5EF906

 5AF900

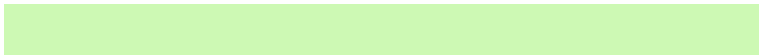
# Harmonies

## Analogous

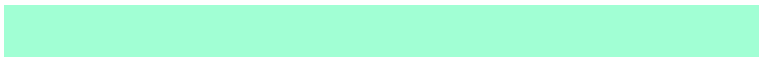
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F7EFA3



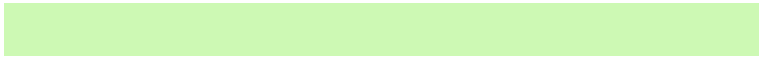
CDF9B4



A1FFD4

# Triad

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



CDF9B4



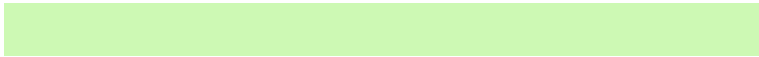
9BF6FF



FFD0DE

# Complementary

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



CDF9B4



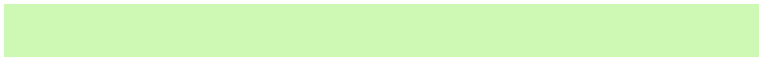
E0B4F9

# Split Complementary

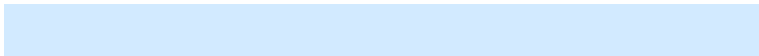
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD3FF



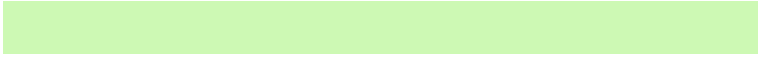
CDF9B4



D2EAFF

# Square

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



CDF9B4



76FEFF



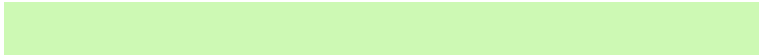
FFDDFF



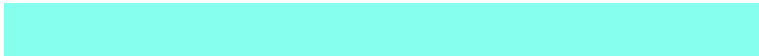
FFD7BB

# Rectangle

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



CDF9B4



87FFEE



FFDDFF

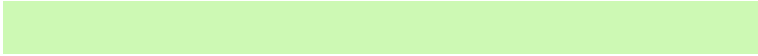


FFD0EA



# Sweetspot

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



CDF9B4



F2FFEB



F9E0B4



778073



000000

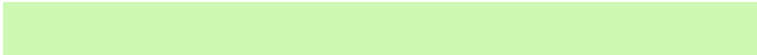


808080

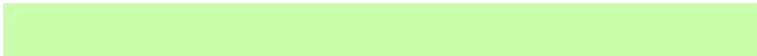


# Same Dimension

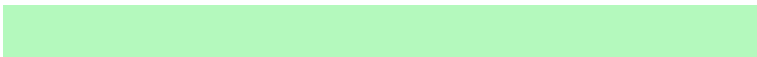
The Same Dimension uses a secret algorithm to generate beautiful new colors.



CDF9B4



C9FFAB



B4F9BD



757D70



44BD00



163D00



# Inverse Universe

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



E0B4F9



E1ABFF



F9B4F0



78707D



7800BD

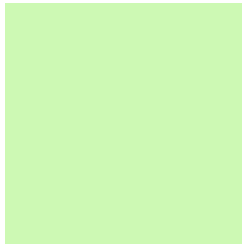


27003D



# Previews

## White Background



This preview shows how the Hex color CDF9B4 looks on a white background.

## Color Contrast Check

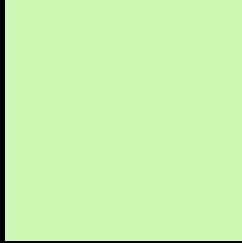
Large Text (above 18pt) WCAG AA × Fail

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 CDF9B4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

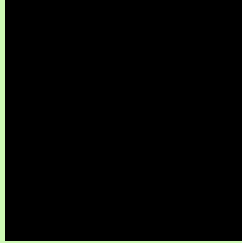
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

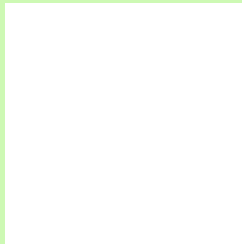
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CDF9B4 Background



This preview shows how black text looks on a background with the Hex color CDF9B4.

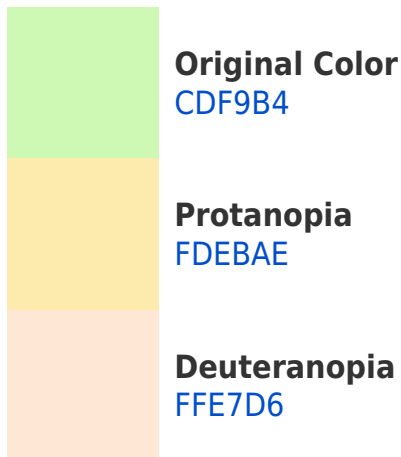


This preview shows how white text looks on a background with the Hex color CDF9B4.

# 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





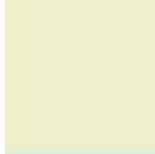
# Trichromacy



**Original Color**  
CDF9B4



**Protanomaly**  
ECF0B0



**Deuteranomaly**  
EDEECA

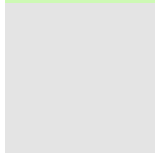


**Tritanomaly**  
D7F2E4

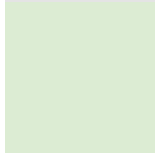
# Monochromacy



**Original Color**  
CDF9B4



**Achromatopsia**  
E4E4E4



**Achromatomaly**  
DCECD3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDF9B4 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 #CDF9B4 looks like.

```
.text, #text, p{  
    color:#CDF9B4  
}
```

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 #CDF9B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDF9B4
}
```

## Border

The CSS property to change the border of an element to Hex CDF9B4 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
#CDF9B4 }
```

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

```
.border{ border-color:#CDF9B4 }
```

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

Here you see how a box with a 4 pixel #CDF9B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDF9B4; -webkit-box-shadow:4px 4px  
4px 4px #CDF9B4; box-shadow:4px 4px 4px  
4px #CDF9B4 }
```

# Background

The CSS property to change the background color of an element to Hex CDF9B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDF9B4 }
```

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

```
.background{ background-color:#CDF9B4 }
```

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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