

# Converting Colors

Hex(C9D087)

Have a look what the booklet for  
Hex(C9D087) contains.

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# **Color**

**Hex(C9D087)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C9D087
RGB	201, 208, 135
RGB Percent	79%, 82%, 53%
CMY	0.2118, 0.1843, 0.4706
CMYK	0.03, 0.00, 0.35, 0.18
HSL	66°, 44%, 67%
HSV	66°, 35%, 82%
XYZ	51.0164, 59.2785, 31.6747
YIQ	197.5850, 19.2610, -24.1870

# Conversions

## Conversions Part 2

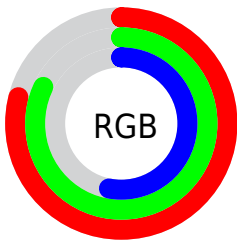
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 208, 142
Decimal	13226119
CIE <sub>Lab</sub>	81.44, -13.68, 35.49
CIE <sub>LCh</sub>	81, 38.032, 111.074
Yxy	59.2785, 0.3593, 0.4175
Android (android.graphics.Color)	4291416199 (0xFFC9D087)
YUV	197.5850, -30.8544, 2.9950
Hunter-Lab	76.9925, -16.4601, 29.5029

# Details

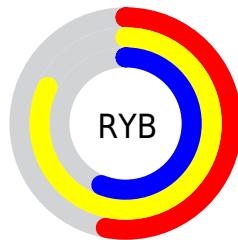
The Hex color **C9D087** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **8E87D0**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFFBD**, and **929A54** is the 20% darker color. If you saturate the color by 10%, you get **C7D072**, and if you desaturate by 10%, it is **CBD09C**.

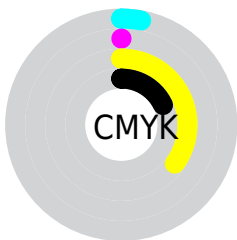
# Distribution



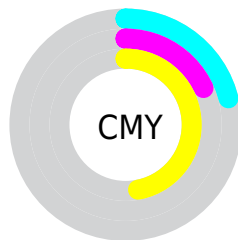
- Red (79%)
- Green (82%)
- Blue (53%)



- Red (53%)
- Yellow (82%)
- Blue (56%)



- Cyan (3%)
- Magenta (0%)
- Yellow (35%)
- Black (18%)



- Cyan (21%)
- Magenta (18%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C9D087 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 C9D087 by changing the saturation by 10% instead.



 C9D087

FFFFFF

 FFFFBD

 FFFFD9

 FFFFF6

 C9D087

 ADB46D

 929A54

 77803C

 5E6724

 454F0B

 2E3800

 162300

 000A00

 000000

 C9D087

 C9D087

 C7D072

 CBD09C

 C5D05D

 CDD0B1

 C3D049

 CFD0C5

 C1D034

 D1D0DA

 BFD01F

 D3D0EF

 BDD00A

 D5D0FF

 BCD000

 D7D0FF

 D9D0FF

 DBD0FF

# Harmonies

## Analogous

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



ECC584



C9D087



A0D99D

# Triad

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



C9D087



58DAFF



FFB0D7

# Complementary

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



C9D087



8E87D0

# 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.



EDB9F7



C9D087



89D1FF

# Square

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



C9D087



51DEE3



C0C5FF



FFB0B2

# Rectangle

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



C9D087



83DCB2



C0C5FF



FFB2E2



# Sweetspot

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



C9D087



FCFFE3



D08D87



7E806F



000000



808080



# Same Dimension

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



C9D087



F5FF94



A5D087



68695E



98A800



252900



# Inverse Universe

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



8E87D0



9E94FF



B287D0



5F5E69



1000A8



040029



# Previews

## White Background



This preview shows how the Hex color C9D087 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 C9D087 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

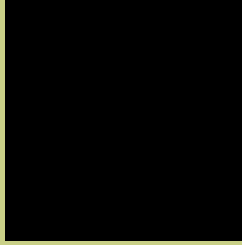
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C9D087 Background



This preview shows how black text looks on a background with the Hex color C9D087.

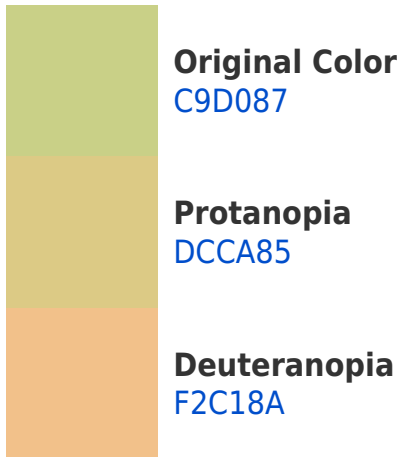


This preview shows how white text looks on a background with the Hex color C9D087.

# 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](#).

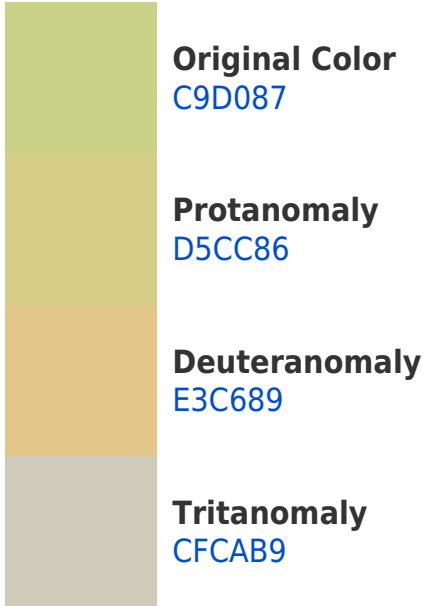
## Dichromacy



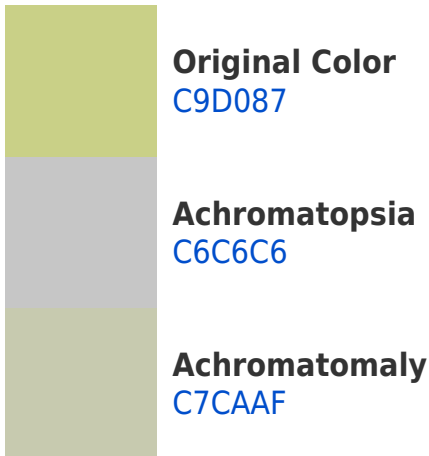


**Tritanopia**  
D3C6D6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C9D087 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 #C9D087 looks like.

```
.text, #text, p{  
    color:#C9D087  
}
```

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 #C9D087 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9D087
}
```

## Border

The CSS property to change the border of an element to Hex C9D087 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
#C9D087 }
```

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

```
.border{ border-color:#C9D087 }
```

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

Here you see how a box with a 4 pixel #C9D087 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9D087; -webkit-box-shadow:4px 4px  
4px 4px #C9D087; box-shadow:4px 4px 4px  
4px #C9D087 }
```

# Background

The CSS property to change the background color of an element to Hex C9D087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9D087 }
```

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

```
.background{ background-color:#C9D087 }
```

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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