

# Converting Colors

Hex(CDDDF9D)

Have a look what the booklet for  
Hex(CDDF9D) contains.

<b>Hex(CDDF9D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(CDDF9D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDDF9D
RGB	205, 223, 157
RGB Percent	80%, 87%, 62%
CMY	0.1961, 0.1255, 0.3843
CMYK	0.08, 0.00, 0.30, 0.13
HSL	76°, 51%, 75%
HSV	76°, 30%, 87%
XYZ	57.6503, 68.1888, 42.0216
YIQ	210.0940, 10.4580, -24.3420

# Conversions

## Conversions Part 2

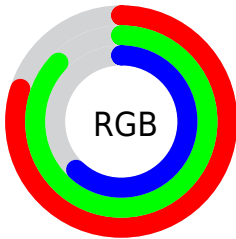
Format	Color
<a href="#">RYB</a>	<a href="#">157, 223, 175</a>
Decimal	<a href="#">13492125</a>
CIELab	<a href="#">86.10, -16.85, 30.42</a>
CIELCh	<a href="#">86, 34.775, 118.974</a>
Yxy	<a href="#">68.1888, 0.3434, 0.4062</a>
Android (android.graphics.Color)	<a href="#">4291682205 (0xFFCDDDF9D)</a>
YUV	<a href="#">210.0940, -26.1753, -4.4674</a>
Hunter-Lab	<a href="#">82.5765, -19.8902, 27.6321</a>

# Details

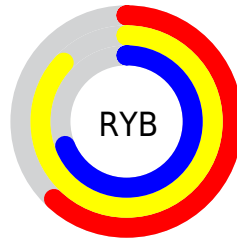
The Hex color **CDDF9D** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **AF9DDF**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFFD4**, and **96A869** is the 20% darker color. If you saturate the color by 10%, you get **C7DF87**, and if you desaturate by 10%, it is **D3DFB3**.

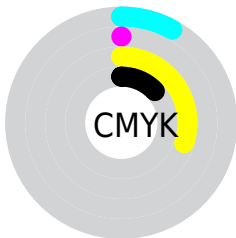
# Distribution



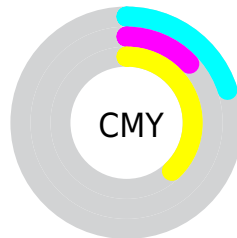
- Red (80%)
- Green (87%)
- Blue (62%)



- Red (62%)
- Yellow (87%)
- Blue (69%)



- Cyan (8%)
- Magenta (0%)
- Yellow (30%)
- Black (13%)



- Cyan (20%)
- Magenta (13%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDDF9D 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 CDDF9D by changing the saturation by 10% instead.



 CDDF9D

 CDDF9D

FFFFFF

 B1C383

 FFFFD4

 96A869

 FFFFF1

 7C8D50

 627438

 495B21

 32440A

 1C2D00

 001A00

 000000

 CDDF9D

 CDDF9D

 C7DF87

 D3DFB3

 C1DF70

 D9DFCA

 BBDF5A

 DFDFE0

 B5DF44

 E5DFF6

 AFDF2E

 EBDFFF

 A9DF17

 F1DFFF

 A2DF01

 F8DFFF

 A2DF00

 FEDFFF

 FFDFFF

# Harmonies

## Analogous

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



F0D595



CDDF9D



A7E6B4

# Triad

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



CDDF9D



7FE4FF



FFBFDA

# Complementary

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



CDDF9D



AF9DDF

# Split Complementary

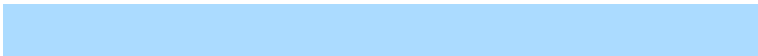
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC5FA



CDDF9D



ABDBFF

# Square

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



CDDF9D



6FE9F6



DBCFF



FFC1B9

# Rectangle

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



CDDF9D



8EE9CA



DBCFFF



FFC0E5



# Sweetspot

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



CDDF9D



F9FFE8



DFAF9D



7C8071



000000



808080

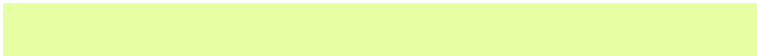


# Same Dimension

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



CDDF9D



E6FFA3



ACDF9D



6D7065



80B000



233000



# Inverse Universe

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



AF9DDF



BCA3FF



D09DDF



686570



3000B0



0D0030



# Previews

## White Background



This preview shows how the Hex color CDDF9D looks on a white background.

## Color Contrast Check

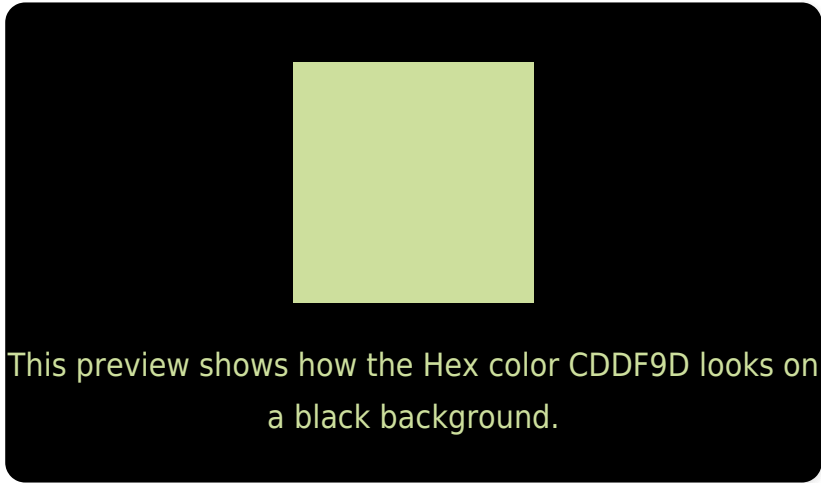
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

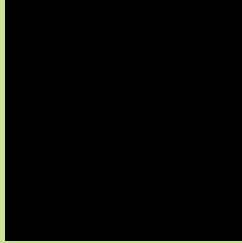
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CDDF9D Background



This preview shows how black text looks on a background with the Hex color CDDF9D.

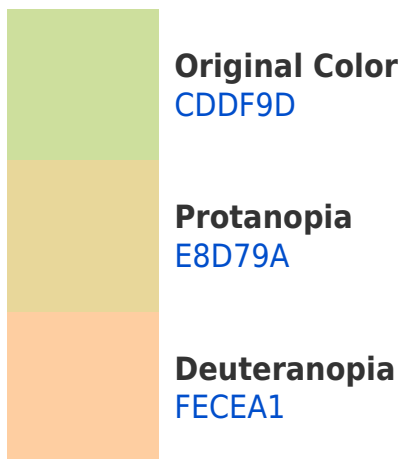


This preview shows how white text looks on a background with the Hex color CDDF9D.

# 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](#).

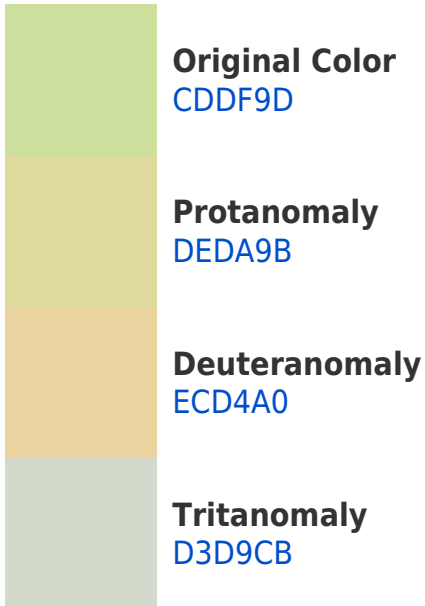
## Dichromacy





**Tritanopia**  
D7D6E6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDDF9D 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 #CDDF9D looks like.

```
.text, #text, p{  
    color:#CDDF9D  
}
```

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 #CDDF9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDDF9D
}
```

## Border

The CSS property to change the border of an element to Hex CDDF9D 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
#CDDF9D }
```

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

```
.border{ border-color:#CDDF9D }
```

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

Here you see how a box with a 4 pixel #CDDF9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDDF9D; -webkit-box-shadow:4px 4px  
4px 4px #CDDF9D; box-shadow:4px 4px 4px  
4px #CDDF9D }
```

# Background

The CSS property to change the background color of an element to Hex CDDF9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDDF9D }
```

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

```
.background{ background-color:#CDDF9D }
```

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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