

# Converting Colors

Hex(C0DD7F)

Have a look what the booklet for  
Hex(C0DD7F) contains.

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# **Color**

**Hex(C0DD7F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C0DD7F
RGB	192, 221, 127
RGB Percent	75%, 87%, 50%
CMY	0.2471, 0.1333, 0.5020
CMYK	0.13, 0.00, 0.43, 0.13
HSL	79°, 58%, 68%
HSV	79°, 43%, 87%
XYZ	51.4254, 64.4517, 29.8087
YIQ	201.6130, 12.8900, -35.3820

# Conversions

## Conversions Part 2

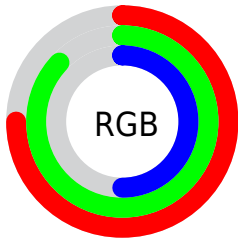
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">127, 221, 156</a>
Decimal	<a href="#">12639615</a>
CIELab	<a href="#">84.20, -24.47, 42.89</a>
CIELCh	<a href="#">84, 49.384, 119.705</a>
Yxy	<a href="#">64.4517, 0.3530, 0.4424</a>
Android (android.graphics.Color)	<a href="#">4290829695 (0xFFC0DD7F)</a>
YUV	<a href="#">201.6130, -36.7842, -8.4306</a>
Hunter-Lab	<a href="#">80.2818, -26.1529, 34.1828</a>

# Details

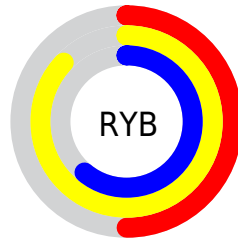
The Hex color **C0DD7F** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9C7FDD**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FAFFB5**, and **89A64C** is the 20% darker color. If you saturate the color by 10%, you get **B9DD69**, and if you desaturate by 10%, it is **C7DD95**.

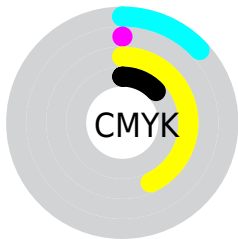
# Distribution



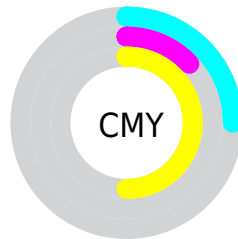
- Red (75%)
- Green (87%)
- Blue (50%)



- Red (50%)
- Yellow (87%)
- Blue (61%)



- Cyan (13%)
- Magenta (0%)
- Yellow (43%)
- Black (13%)



- Cyan (25%)
- Magenta (13%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C0DD7F 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 C0DD7F by changing the saturation by 10% instead.



 C0DD7F

 C0DD7F

FFFFFF

 A4C165

 FAFFB5

 89A64C

 FFFFD1

 6E8B33

 FFFFEE

 547219

 3B5900

 234200

 072B00

 001700

 000000

 C0DD7F

 C0DD7F

 B9DD69

 C7DD95

 B2DD53

 CEDDAB

 ACDD3D

 D4DDC1

 A5DD27

 DBDDD7

 9EDD11

 E2DDEE

 99DD00

 E9DDFF

 F0DDFF

 F7DDFF

 FDDDDFF

# Harmonies

## Analogous

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



F0CF73



C0DD7F



87E6A1

# Triad

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



C0DD7F



00E3FF



FFADD4

# Complementary

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



C0DD7F



9C7FDD

# 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.



FFB6FF



C0DD7F



88D7FF

# Square

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



C0DD7F



00E9FF



D6C6FF



FFB1A6

# Rectangle

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



C0DD7F



58EAC0



D6C6FF



FFAEE4



# Sweetspot

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



C0DD7F



F5FFDE



DD9B7F



79806B



000000



808080

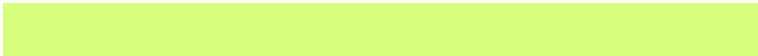


# Same Dimension

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



C0DD7F



D7FF7D



92DD7F



6A6E63



78AD00



202E00



# Inverse Universe

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



9C7FDD



A57DFF



CA7FDD



66636E



3500AD



0E002E



# Previews

## White Background



This preview shows how the Hex color C0DD7F 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 C0DD7F 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 C0DD7F Background



This preview shows how black text looks on a background with the Hex color C0DD7F.

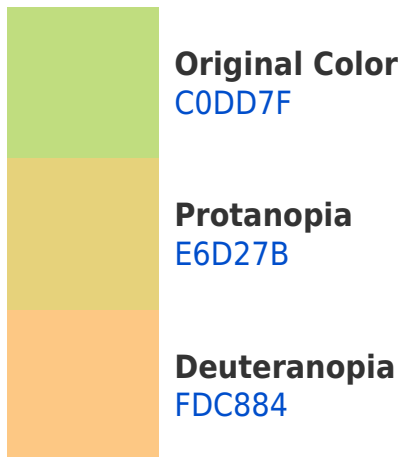


This preview shows how white text looks on a background with the Hex color C0DD7F.

# 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](#).

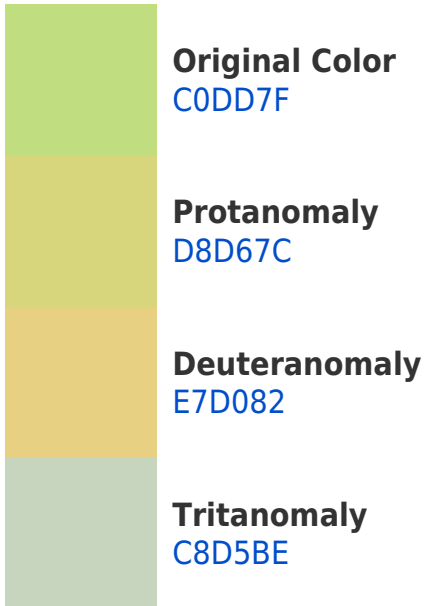
## Dichromacy



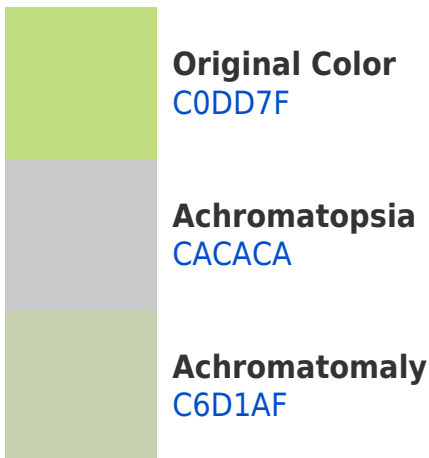


**Tritanopia**  
CDD1E2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C0DD7F 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 #C0DD7F looks like.

```
.text, #text, p{  
    color:#C0DD7F  
}
```

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 #C0DD7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0DD7F
}
```

## Border

The CSS property to change the border of an element to Hex C0DD7F 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
#C0DD7F }
```

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

```
.border{ border-color:#C0DD7F }
```

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

Here you see how a box with a 4 pixel #C0DD7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0DD7F; -webkit-box-shadow:4px 4px  
4px 4px #C0DD7F; box-shadow:4px 4px 4px  
4px #C0DD7F }
```

# Background

The CSS property to change the background color of an element to Hex C0DD7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0DD7F }
```

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

```
.background{ background-color:#C0DD7F }
```

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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