

# Converting Colors

Hex(C1DE7D)

Have a look what the booklet for  
Hex(C1DE7D) contains.

<b>Hex(C1DE7D)</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(C1DE7D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C1DE7D
RGB	193, 222, 125
RGB Percent	76%, 87%, 49%
CMY	0.2431, 0.1294, 0.5098
CMYK	0.13, 0.00, 0.44, 0.13
HSL	78°, 60%, 68%
HSV	78°, 44%, 87%
XYZ	51.8153, 65.0607, 29.2290
YIQ	202.2710, 13.8530, -36.3150

# Conversions

## Conversions Part 2

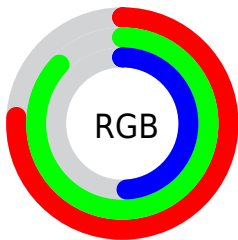
Format	Color
<b>RYB</b>	125, 222, 154
Decimal	12705405
CIELab	84.51, -24.80, 44.28
CIElCh	85, 50.756, 119.250
Yxy	65.0607, 0.3546, 0.4453
Android (android.graphics.Color)	4290895485 (0xFFC1DE7D)
YUV	202.2710, -38.0946, -8.1307
Hunter-Lab	80.6602, -26.4888, 34.9771

# Details

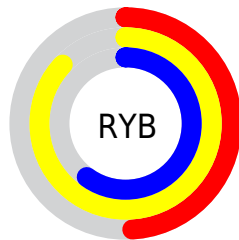
The Hex color **C1DE7D** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9A7DDE**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FBFFB3**, and **8AA749** is the 20% darker color. If you saturate the color by 10%, you get **BADE67**, and if you desaturate by 10%, it is **C8DE93**.

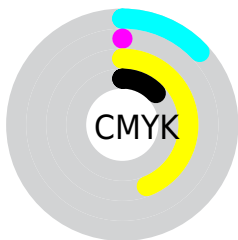
# Distribution



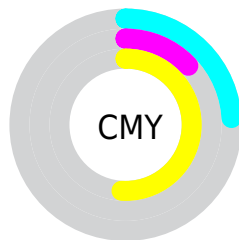
- Red (76%)
- Green (87%)
- Blue (49%)



- Red (49%)
- Yellow (87%)
- Blue (60%)



- Cyan (13%)
- Magenta (0%)
- Yellow (44%)
- Black (13%)



- Cyan (24%)
- Magenta (13%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C1DE7D 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 C1DE7D by changing the saturation by 10% instead.



 C1DE7D

FFFFFF

 FBFFB3

 FFFFCF

 FFFFEC

 C1DE7D

 A5C263

 8AA749

 6F8C30

 557316

 3C5A00

 244200

 072C00

 001800

 000000

 C1DE7D

 C1DE7D

 BADE67

 C8DE93

 B4DE51

 CEDEA9

 ADDE3A

 D5DEC0

 A6DE24

 DCDED6

 A0DE0E

 E2DEEC

 9CDE00

 E9DEFF

 EFDEFF

 F6DEFF

 FDDEFF

# Harmonies

## Analogous

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



F2D071



C1DE7D



87E7A0

# Triad

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



C1DE7D



00E5FF



FFACD6

# Complementary

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



C1DE7D



9A7DDE

# 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



C1DE7D



84D8FF

# Square

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



C1DE7D



00EBFF



D6C7FF



FFB0A7

# Rectangle

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



C1DE7D



55EBBF



D6C7FF



FFAEE6

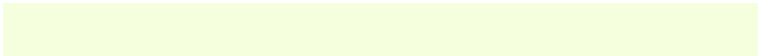


# Sweetspot

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



C1DE7D



F5FFDE



DE987D



79806B



000000



808080

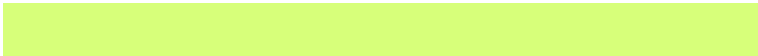


# Same Dimension

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



C1DE7D



D7FF7A



92DE7D



6D7065



7BB000



223000



# Inverse Universe

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



9A7DDE



A27AFF



C97DDE



686570



3500B0

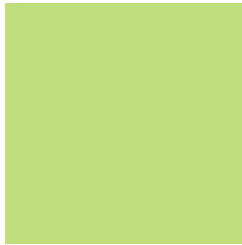


0E0030



# Previews

## White Background



This preview shows how the Hex color C1DE7D 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 C1DE7D 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 C1DE7D Background



This preview shows how black text looks on a background with the Hex color C1DE7D.

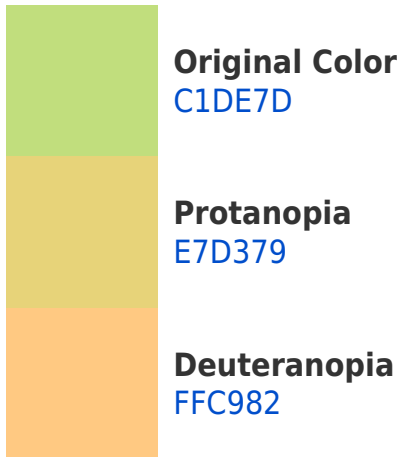


This preview shows how white text looks on a background with the Hex color C1DE7D.

# Color Blindness Simulation

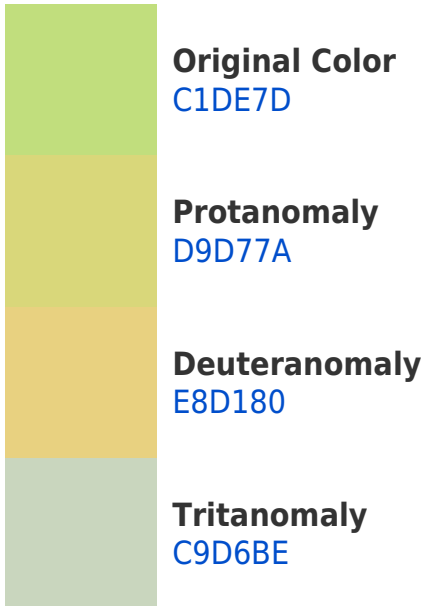
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

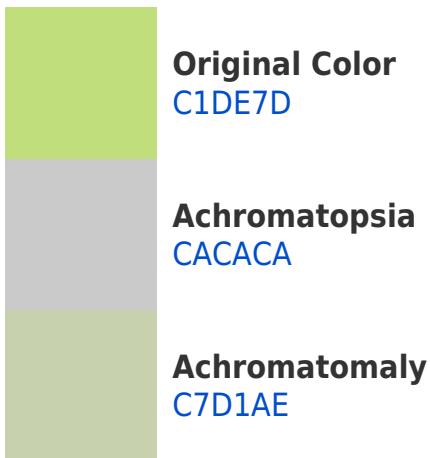




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C1DE7D 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 #C1DE7D looks like.

```
.text, #text, p{  
    color:#C1DE7D  
}
```

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 #C1DE7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1DE7D
}
```

## Border

The CSS property to change the border of an element to Hex C1DE7D 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
#C1DE7D }
```

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

```
.border{ border-color:#C1DE7D }
```

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

Here you see how a box with a 4 pixel #C1DE7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1DE7D; -webkit-box-shadow:4px 4px  
4px 4px #C1DE7D; box-shadow:4px 4px 4px  
4px #C1DE7D }
```

# Background

The CSS property to change the background color of an element to Hex C1DE7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1DE7D }
```

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

```
.background{ background-color:#C1DE7D }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor