

# Converting Colors

Hex(CDDDB7E)

Have a look what the booklet for  
Hex(CDDB7E) contains.

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# Color

**Hex(CDDB7E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDDDB7E
RGB	205, 219, 126
RGB Percent	80%, 86%, 49%
CMY	0.1961, 0.1412, 0.5059
CMYK	0.06, 0.00, 0.42, 0.14
HSL	69°, 56%, 68%
HSV	69°, 42%, 86%
XYZ	54.2743, 65.1485, 29.4530
YIQ	204.2120, 21.5090, -31.8910

# Conversions

## Conversions Part 2

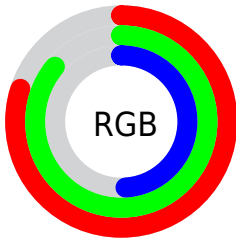
Format	Color
<a href="#">RYB</a>	<a href="#">126, 219, 140</a>
Decimal	<a href="#">13491070</a>
CIELab	<a href="#">84.56, -18.63, 44.03</a>
CIELCh	<a href="#">85, 47.814, 112.936</a>
Yxy	<a href="#">65.1485, 0.3646, 0.4376</a>
Android (android.graphics.Color)	<a href="#">4291681150 (0xFFCDDDB7E)</a>
YUV	<a href="#">204.2120, -38.5585, 0.6911</a>
Hunter-Lab	<a href="#">80.7146, -21.2234, 34.8651</a>

# Details

The Hex color **CDDDB7E** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **8C7EDB**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFFB4**, and **95A44B** is the 20% darker color. If you saturate the color by 10%, you get **CADB68**, and if you desaturate by 10%, it is **D0DB94**.

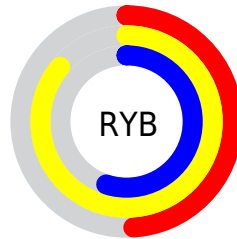
# Distribution



Red (80%)

Green (86%)

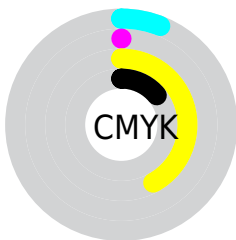
Blue (49%)



Red (49%)

Yellow (86%)

Blue (55%)

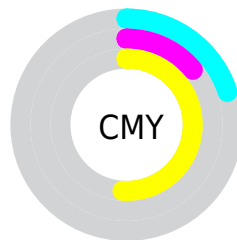


Cyan (6%)

Magenta (0%)

Yellow (42%)

Black (14%)



Cyan (20%)

Magenta (14%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDDDB7E 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 CDDDB7E by changing the saturation by 10% instead.



 CDDDB7E

 CDDDB7E

FFFFFFF

 B1BF64

 FFFFFB4

 95A44B

 FFFFFD0

 7A8A31

 FFFFFED

 607017

 475800

 2F4100

 152A00

 001800

 000000

 C0DB7E

 C0DB7E

 CADB68

 D0DB94

 C6DB52

 D4DBAA

 C3DB3C

 D7DBC0

 C0DB26

 DADBD6

 B0DB11

 D0DBEC

 BADB00

 E1DBFF

 E4DBFF

 E7DBFF

 EBDBFF

# Harmonies

## Analogous

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



FACD79



CDDB7E



98E59B

# Triad

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



CDDB7E



00E6FF



FFB0E0

# Complementary

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



CDDB7E



8C7EDB

# 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.



FFBBFF



CDDB7E



7ADBFF

# Square

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



CDDB7E



00EBF5



C8CBFF



FFB1B2

# Rectangle

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



CDDB7E



6FE9B7



C8CBFF



FFB3EF



# Sweetspot

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



CDDB7E



FAFFDE



DB8C7E



7C806B



000000



808080



# Same Dimension

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



CDDB7E



EBFF7D



9FDB7E



6C6E63



93AD00



272E00



# Inverse Universe

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



8C7EDB



917DFF



BA7EDB



64636E



1A00AD

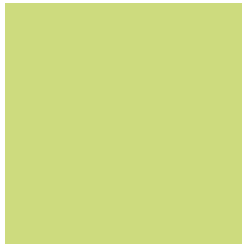


07002E



# Previews

## White Background



This preview shows how the Hex color CDDDB7E looks on a white background.

## Color Contrast Check

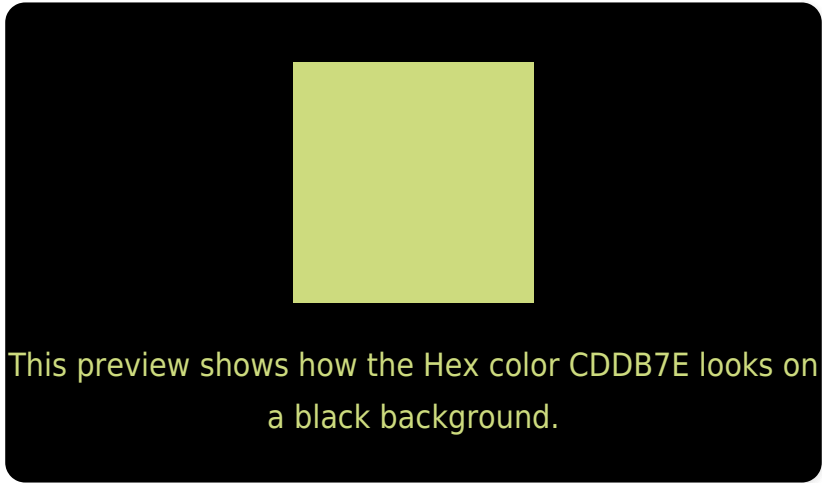
Large Text (above 18pt) WCAG AA × Fail

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

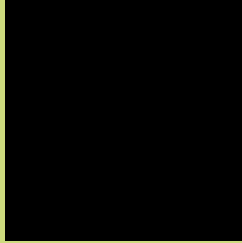
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CDDDB7E Background



This preview shows how black text looks on a background with the Hex color CDDDB7E.

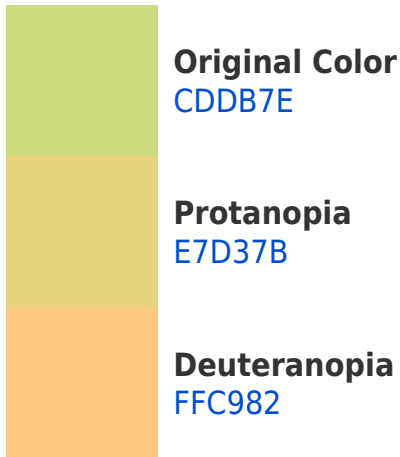


This preview shows how white text looks on a background with the Hex color CDDDB7E.

# 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](#).

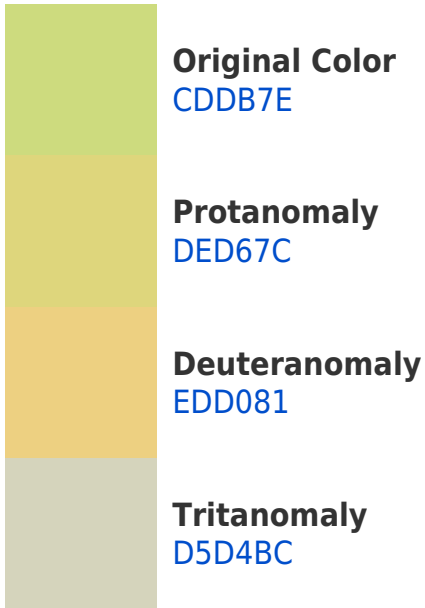
## Dichromacy



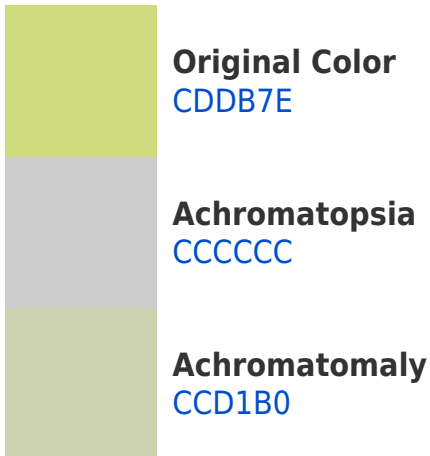


**Tritanopia**  
D9D0E0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDDDB7E 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 #CDDDB7E looks like.

```
.text, #text, p{  
    color:#CDDDB7E  
}
```

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 #CDDDB7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDDDB7E
}
```

## Border

The CSS property to change the border of an element to Hex CDDDB7E 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
#CDDDB7E }
```

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

```
.border{ border-color:#CDDDB7E }
```

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

Here you see how a box with a 4 pixel #CDDDB7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDDDB7E; -webkit-box-shadow:4px 4px  
4px 4px #CDDDB7E; box-shadow:4px 4px 4px  
4px #CDDDB7E }
```

# Background

The CSS property to change the background color of an element to Hex CDDDB7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDDDB7E }
```

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

```
.background{ background-color:#CDDDB7E }
```

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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