

Converting Colors

Hex(CDDD81)

Have a look what the booklet for
Hex(CDDD81) contains.

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Color

Hex(CDDD81)

Conversions

Conversions Part 1

Format	Color
Hex	CDDD81
RGB	205, 221, 129
RGB Percent	80%, 87%, 51%
CMY	0.1961, 0.1333, 0.4941
CMYK	0.07, 0.00, 0.42, 0.13
HSL	70°, 58%, 69%
HSV	70°, 42%, 87%
XYZ	54.9957, 66.2770, 30.6630
YIQ	205.7280, 19.9960, -32.0040

Conversions

Conversions Part 2

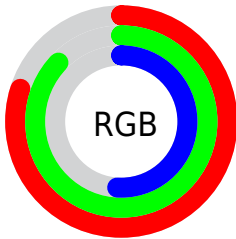
Format	Color
RYB	129, 221, 145
Decimal	13491585
CIELab	85.14, -19.29, 43.28
CIELCh	85, 47.386, 114.024
Yxy	66.2770, 0.3620, 0.4362
Android (android.graphics.Color)	4291681665 (0xFFCDDD81)
YUV	205.7280, -37.8269, -0.6385
Hunter-Lab	81.4107, -21.8858, 34.6561

Details

The Hex color **CDDD81** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **9181DD**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFFFB7**, and **95A64D** is the 20% darker color. If you saturate the color by 10%, you get **C9DD6B**, and if you desaturate by 10%, it is **D1DD97**.

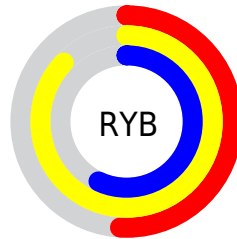
Distribution



Red (80%)

Green (87%)

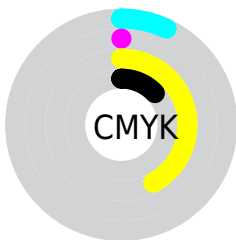
Blue (51%)



Red (51%)

Yellow (87%)

Blue (57%)

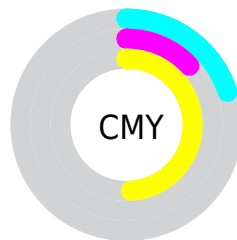


Cyan (7%)

Magenta (0%)

Yellow (42%)

Black (13%)



Cyan (20%)

Magenta (13%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDDD81 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 CDDD81 by changing the saturation by 10% instead.

 CDDD81

 CDDD81

FFFFFF

 B1C167

 FFFFB7

 95A64D

 FFFFD3

 7A8C34

 FFFFF0

 60721B

 475A00

 2F4200

 152C00

 001900

 000000

 CDDD81

 CDDD81

 C9DD6B

 D1DD97

 C5DD55

 D5DDAD

 C1DD3F

 D9DDC3

 BEDD29

 DCDDD9

 BADD13

 E0DDF0

 B7DD00

 E4DDFF

 E8DDFF

 ECDDFF

 F0DDFF

Harmonies

Analogous

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



FACF7B



CDDD81



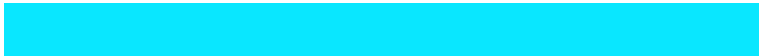
99E79E

Triad

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



CDDD81



09E7FF



FFB2E0

Complementary

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



CDDD81



9181DD

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.



FFBCFF



CDDD81



80DCFF

Square

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



CDDD81



00ECF8



CCCCFF



FFB3B3

Rectangle

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



CDDD81



70EBBB



CCCCFF



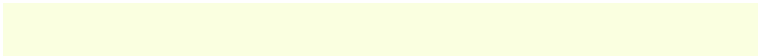
FFB4EF

Sweetspot

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



CDDD81



FAFFE0



DD9081



7C806E



000000



808080

Same Dimension

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



CDDD81



E9FF80



A0DD81



6C6E63



8FAD00



262E00

Inverse Universe

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



9181DD



9680FF



BE81DD



65636E



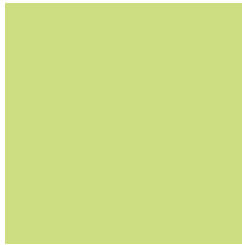
1E00AD



08002E

Previews

White Background



This preview shows how the Hex color CDDD81 looks on a white background.

Color Contrast Check

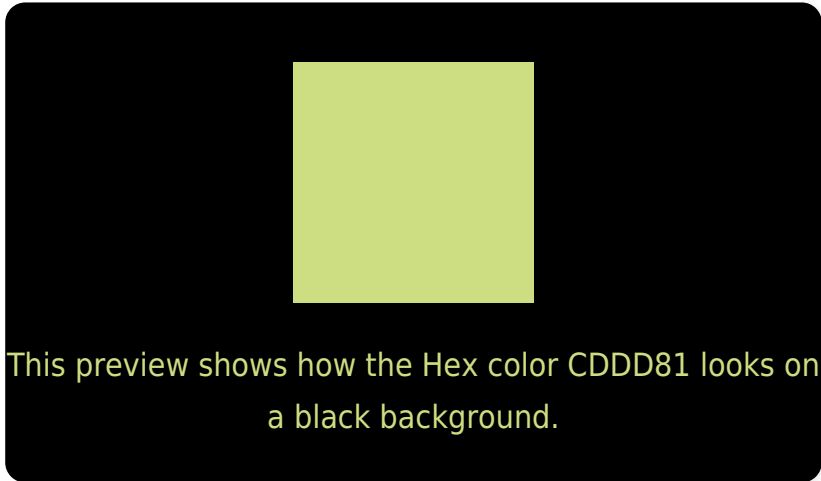
Large Text (above 18pt) WCAG AA × Fail

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

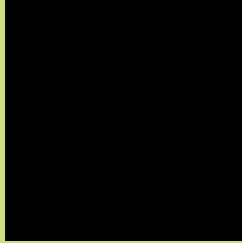
Any Text WCAG AA ✓ Pass

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 CDDD81 Background



This preview shows how black text looks on a background with the Hex color CDDD81.

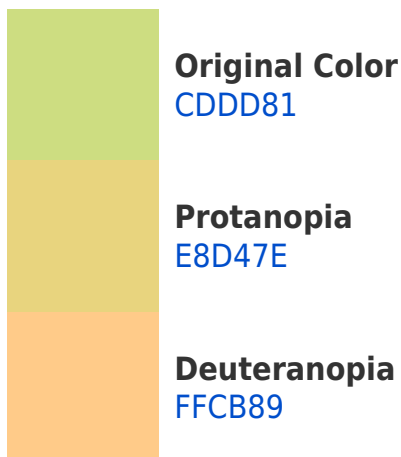


This preview shows how white text looks on a background with the Hex color CDDD81.

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](#).

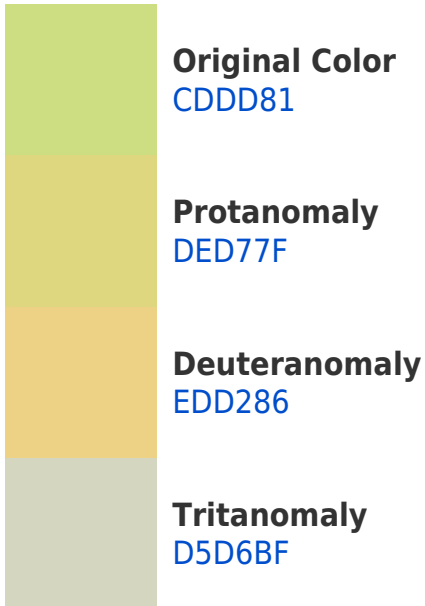
Dichromacy





Tritanopia
D9D2E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDDD81 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 #CDDD81 looks like.

```
.text, #text, p{  
    color:#CDDD81  
}
```

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 #CDDD81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDDD81
}
```

Border

The CSS property to change the border of an element to Hex CDDD81 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
#CDDD81 }
```

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

```
.border{ border-color:#CDDD81 }
```

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

Here you see how a box with a 4 pixel #CDDD81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDDD81; -webkit-box-shadow:4px 4px  
4px 4px #CDDD81; box-shadow:4px 4px 4px  
4px #CDDD81 }
```

Background

The CSS property to change the background color of an element to Hex CDDD81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDDD81 }
```

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

```
.background{ background-color:#CDDD81 }
```

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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