

Converting Colors

Hex(C3DD81)

Have a look what the booklet for
Hex(C3DD81) contains.

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Color

Hex(C3DD81)

Conversions

Conversions Part 1

Format	Color
Hex	C3DD81
RGB	195, 221, 129
RGB Percent	76%, 87%, 51%
CMY	0.2353, 0.1333, 0.4941
CMYK	0.12, 0.00, 0.42, 0.13
HSL	77°, 58%, 69%
HSV	77°, 42%, 87%
XYZ	52.3246, 64.9000, 30.5380
YIQ	202.7380, 14.0360, -34.1240

Conversions

Conversions Part 2

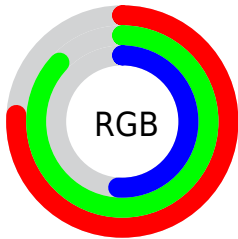
Format	Color
RYB	129, 221, 155
Decimal	12836225
CIELab	84.43, -23.11, 42.24
CIELCh	84, 48.152, 118.681
Yxy	64.9000, 0.3541, 0.4392
Android (android.graphics.Color)	4291026305 (0xFFC3DD81)
YUV	202.7380, -36.3528, -6.7862
Hunter-Lab	80.5605, -25.0440, 33.9173

Details

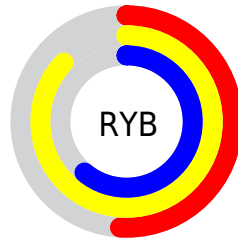
The Hex color **C3DD81** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **9B81DD**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FDFFB7**, and **8CA64E** is the 20% darker color. If you saturate the color by 10%, you get **BDDD6B**, and if you desaturate by 10%, it is **C9DD97**.

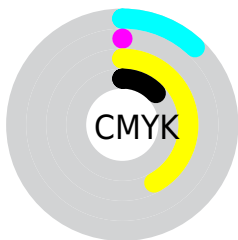
Distribution



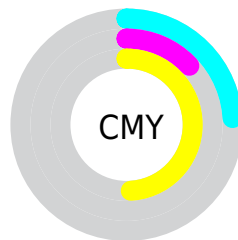
- Red (76%)
- Green (87%)
- Blue (51%)



- Red (51%)
- Yellow (87%)
- Blue (61%)



- Cyan (12%)
- Magenta (0%)
- Yellow (42%)
- Black (13%)



- Cyan (24%)
- Magenta (13%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color C3DD81 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 C3DD81 by changing the saturation by 10% instead.

 C3DD81

 C3DD81

FFFFFF

 A7C167

 FDFFB7

 8CA64E

 FFFFD3

 718B35

 FFFFF0

 57721B

 3E5900

 274200

 0B2B00

 001800

 000000

 C3DD81

 C3DD81

 BDDD6B

 C9DD97

 B7DD55

 CFDDAD

 B0DD3F

 D6DDC3

 AADD29

 DCDDD9

 A4DD13

 E2DDF0

 9FDD00

 E8DDFF

 EFDDFF

 F5DDFF

 FBDDFF

Harmonies

Analogous

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



F2CF77



C3DD81



8CE6A2

Triad

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



C3DD81



13E4FF



FFAFD7

Complementary

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



C3DD81



9B81DD

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.



FFB8FF



C3DD81



89D8FF

Square

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



C3DD81



00EAFD



D4C8FF



FFB2A9

Rectangle

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



C3DD81



61EABF



D4C8FF



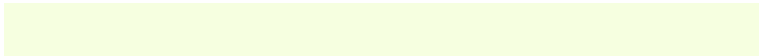
FFB0E6

Sweetspot

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



C3DD81



F6FFE0



DD9A81



7A806E



000000



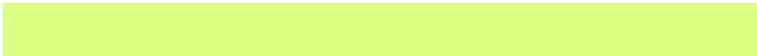
808080

Same Dimension

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



C3DD81



DBFF80



96DD81



6B6E63



7CAD00



212E00

Inverse Universe

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



9B81DD



A480FF



C881DD



66636E



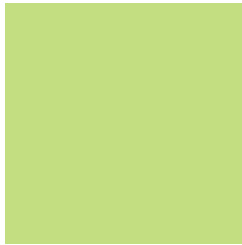
3100AD



0D002E

Previews

White Background



This preview shows how the Hex color C3DD81 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 C3DD81 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 C3DD81 Background



This preview shows how black text looks on a background with the Hex color C3DD81.

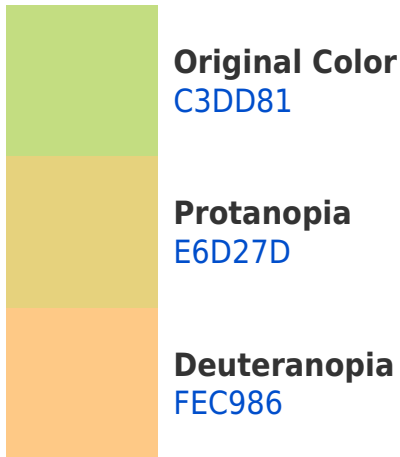


This preview shows how white text looks on a background with the Hex color C3DD81.

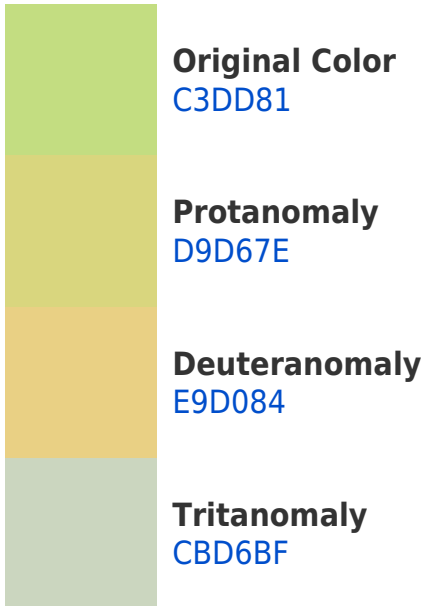
Color Blindness Simulation

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](#).

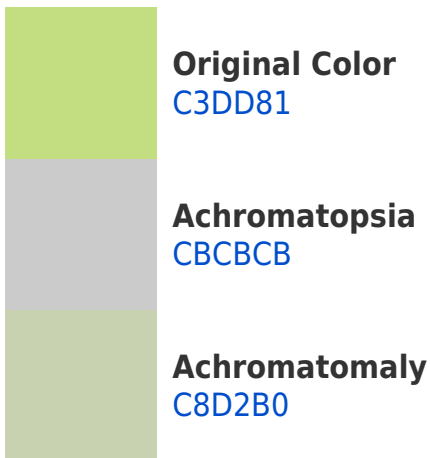
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C3DD81 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 #C3DD81 looks like.

```
.text, #text, p{  
    color:#C3DD81  
}
```

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 #C3DD81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3DD81
}
```

Border

The CSS property to change the border of an element to Hex C3DD81 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
#C3DD81 }
```

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

```
.border{ border-color:#C3DD81 }
```

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

Here you see how a box with a 4 pixel #C3DD81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3DD81; -webkit-box-shadow:4px 4px  
4px 4px #C3DD81; box-shadow:4px 4px 4px  
4px #C3DD81 }
```

Background

The CSS property to change the background color of an element to Hex C3DD81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3DD81 }
```

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

```
.background{ background-color:#C3DD81 }
```

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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