

Converting Colors

Hex(C7DD87)

Have a look what the booklet for
Hex(C7DD87) contains.

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Color

Hex(C7DD87)

Conversions

Conversions Part 1

Format	Color
Hex	C7DD87
RGB	199, 221, 135
RGB Percent	78%, 87%, 53%
CMY	0.2196, 0.1333, 0.4706
CMYK	0.10, 0.00, 0.39, 0.13
HSL	75°, 56%, 70%
HSV	75°, 39%, 87%
XYZ	53.7828, 65.6043, 32.7499
YIQ	204.6180, 14.4940, -31.4100

Conversions

Conversions Part 2

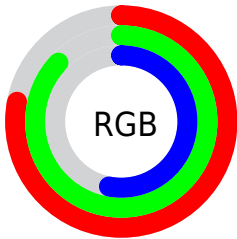
Format	Color
RYB	135, 221, 157
Decimal	13098375
CIELab	84.79, -20.90, 39.78
CIELCh	85, 44.935, 117.714
Yxy	65.6043, 0.3535, 0.4312
Android (android.graphics.Color)	4291288455 (0xFFC7DD87)
YUV	204.6180, -34.3217, -4.9270
Hunter-Lab	80.9965, -23.2173, 32.7244

Details

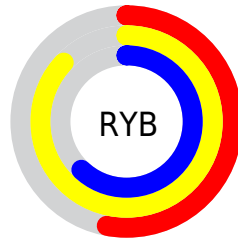
The Hex color **C7DD87** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **9D87DD**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFBD**, and **90A654** is the 20% darker color. If you saturate the color by 10%, you get **C1DD71**, and if you desaturate by 10%, it is **CDDD9D**.

Distribution



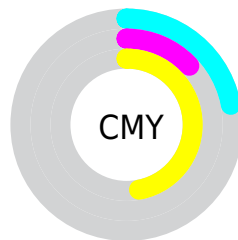
- Red (78%)
- Green (87%)
- Blue (53%)



- Red (53%)
- Yellow (87%)
- Blue (62%)



- Cyan (10%)
- Magenta (0%)
- Yellow (39%)
- Black (13%)



- Cyan (22%)
- Magenta (13%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color C7DD87 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 C7DD87 by changing the saturation by 10% instead.

 C7DD87

 C7DD87

FFFFFF

 ABC16D

 FFFFBD

 90A654

 FFFFD9


 758C3B

 FFFFF6

 5B7222

 425906

 2B4200

 112C00

 001900

 000000

 C7DD87

 C7DD87

 C1DD71

 CDDD9D

 BCDD5B

 D2DDB3

 B6DD45

 D8DDC9

 B0DD2F

 DEDDDF

 ABDD18

 E3DDF6

 A5DD02

 E9DDFF

 A4DD00

 EFDDFF

 F4DDFF

 FADDDFF

Harmonies

Analogous

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



F2D07E



C7DD87



95E6A5

Triad

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



C7DD87



40E4FF



FFB3D9

Complementary

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



C7DD87



9D87DD

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



C7DD87



90D9FF

Square

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



C7DD87



11EAFA



D4CAFF



FFB6AE

Rectangle

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



C7DD87



6FE9C0



D4CAFF



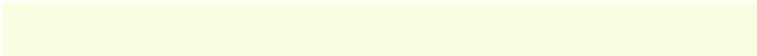
FFB4E7

Sweetspot

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



C7DD87



F7FFE0



DD9C87



7B806E



000000



808080

Same Dimension

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



C7DD87



E0FF87



9CDD87



6B6E63



81AD00



222E00

Inverse Universe

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



9D87DD



A687FF



C887DD



65636E



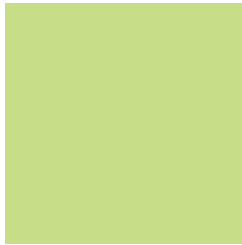
2C00AD



0C002E

Previews

White Background



This preview shows how the Hex color C7DD87 looks on a white background.

Color Contrast Check

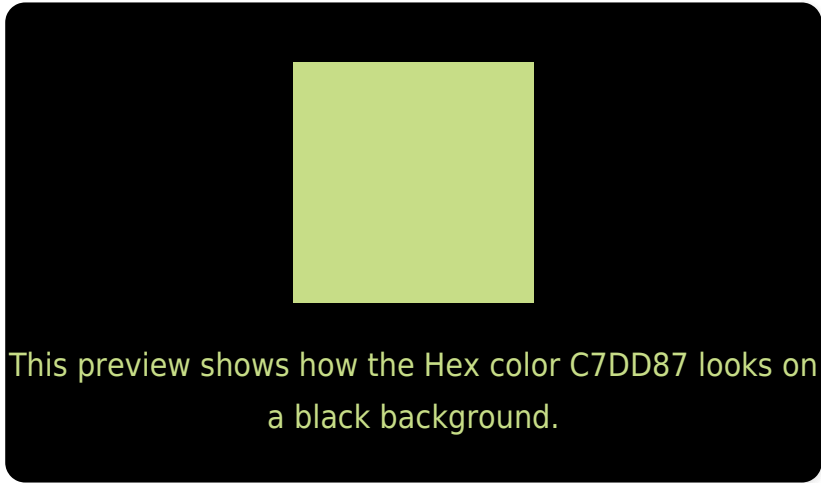
Large Text (above 18pt) WCAG AA × Fail

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

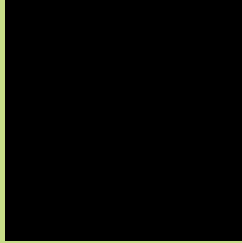
Any Text WCAG AA ✓ Pass

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 C7DD87 Background



This preview shows how black text looks on a background with the Hex color C7DD87.

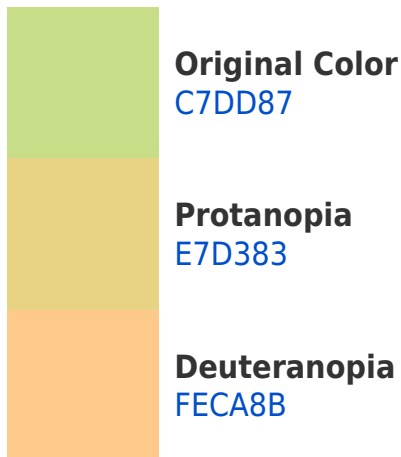


This preview shows how white text looks on a background with the Hex color C7DD87.

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](#).

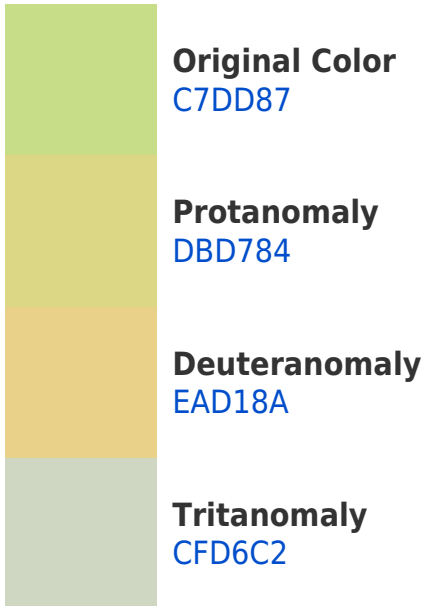
Dichromacy



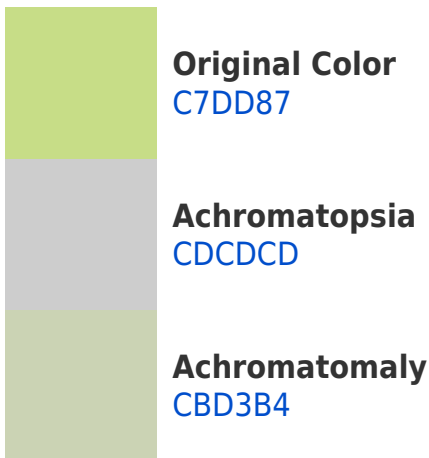


Tritanopia
D3D2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C7DD87 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 #C7DD87 looks like.

```
.text, #text, p{  
    color:#C7DD87  
}
```

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 #C7DD87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7DD87
}
```

Border

The CSS property to change the border of an element to Hex C7DD87 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
#C7DD87 }
```

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

```
.border{ border-color:#C7DD87 }
```

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

Here you see how a box with a 4 pixel #C7DD87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7DD87; -webkit-box-shadow:4px 4px  
4px 4px #C7DD87; box-shadow:4px 4px 4px  
4px #C7DD87 }
```

Background

The CSS property to change the background color of an element to Hex C7DD87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7DD87 }
```

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

```
.background{ background-color:#C7DD87 }
```

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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