

Converting Colors

Hex(C1D87B)

Have a look what the booklet for
Hex(C1D87B) contains.

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Color

Hex(C1D87B)

Conversions

Conversions Part 1

Format	Color
Hex	C1D87B
RGB	193, 216, 123
RGB Percent	76%, 85%, 48%
CMY	0.2431, 0.1529, 0.5176
CMYK	0.11, 0.00, 0.43, 0.15
HSL	75°, 54%, 66%
HSV	75°, 43%, 85%
XYZ	50.1233, 61.8793, 28.0410
YIQ	198.5210, 16.1450, -33.7990

Conversions

Conversions Part 2

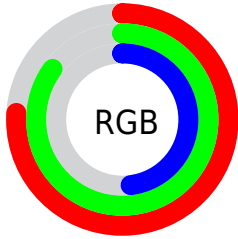
Format	Color
R_{YB}	123, 216, 146
Decimal	12703867
CIE _{Lab}	82.85, -22.12, 43.18
CIE _{LCh}	83, 48.518, 117.117
Yxy	61.8793, 0.3579, 0.4419
Android (android.graphics.Color)	4290893947 (0xFFC1D87B)
YUV	198.5210, -37.2319, -4.8419
Hunter-Lab	78.6634, -23.9229, 33.9293

Details

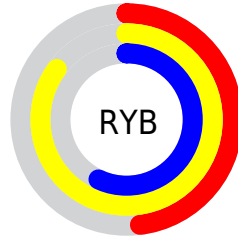
The Hex color **C1D87B** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **927BD8**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FBFFB1**, and **8AA148** is the 20% darker color. If you saturate the color by 10%, you get **BCD865**, and if you desaturate by 10%, it is **C6D891**.

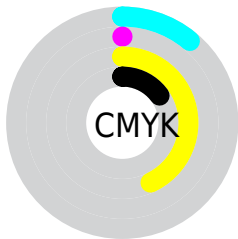
Distribution



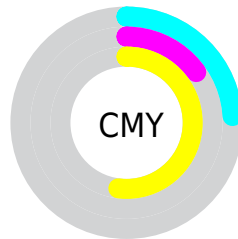
- Red (76%)
- Green (85%)
- Blue (48%)



- Red (48%)
- Yellow (85%)
- Blue (57%)



- Cyan (11%)
- Magenta (0%)
- Yellow (43%)
- Black (15%)



- Cyan (24%)
- Magenta (15%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color C1D87B 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 C1D87B by changing the saturation by 10% instead.

 C1D87B

FFFFFF

 FBFFB1

 FFFFCD

 FFFFE9

 C1D87B

 A5BC61

 8AA148

 6F872F

 556E14

 3C5500

 243E00

 092800

 001200

 000000

 C1D87B

 C1D87B

 BCD865

 C6D891

 B6D850

 CCD8A6

 B1D83A

 D1D8BC

 ACD825

 D6D8D1

 A6D80F

 DCD8E7

 A3D800

 E1D8FD

 E6D8FF

 ECD8FF

 F1D8FF

Harmonies

Analogous

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



EFC472



C1D87B



8AE19B

Triad

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



C1D87B



00E0FF



FFAAD5

Complementary

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



C1D87B



927BD8

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.



FFB4FF



C1D87B



7FD4FF

Square

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



C1D87B



00E6F6



CCC4FF



FFADA7

Rectangle

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



C1D87B



5EE5B8



CCC4FF



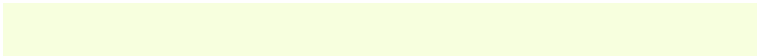
FFACE4

Sweetspot

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



C1D87B



F7FFDE



D8917B



7A806B



000000



808080

Same Dimension

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



C1D87B



DEFF7A



94D87B



686B60



81AB00



212B00

Inverse Universe

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



927BD8



9B7AFF



BF7BD8



63606B



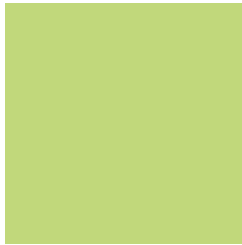
2A00AB



0B002B

Previews

White Background



This preview shows how the Hex color C1D87B 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 C1D87B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

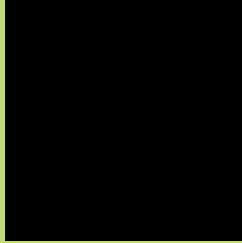
Any Text WCAG AA ✓ Pass

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 C1D87B Background



This preview shows how black text looks on a background with the Hex color C1D87B.

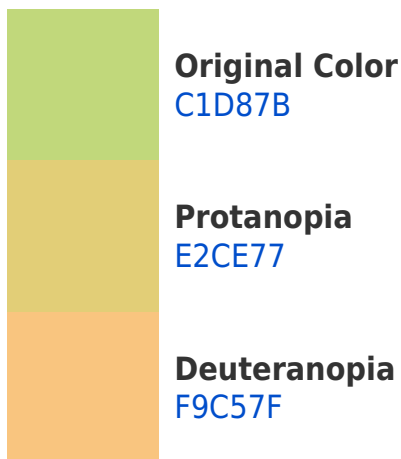


This preview shows how white text looks on a background with the Hex color C1D87B.

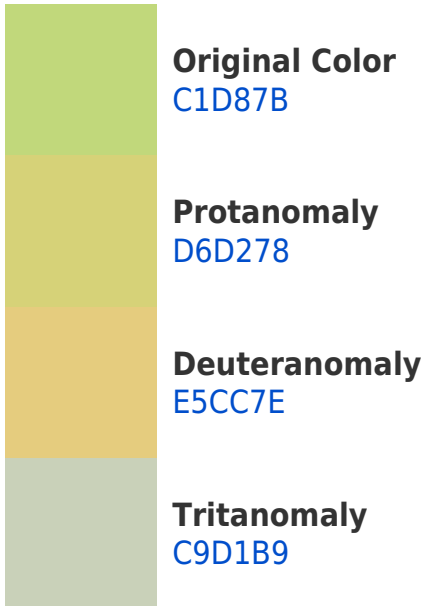
Color Blindness Simulation

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](#).

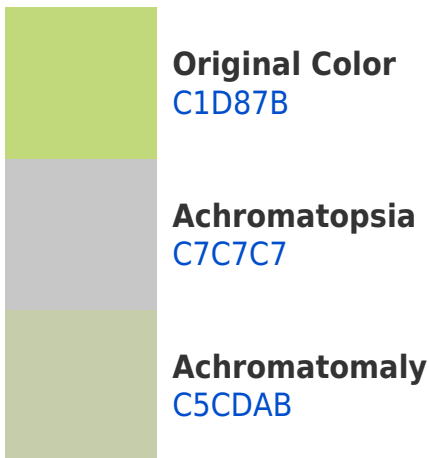
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C1D87B 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 #C1D87B looks like.

```
.text, #text, p{  
    color:#C1D87B  
}
```

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 #C1D87B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1D87B
}
```

Border

The CSS property to change the border of an element to Hex C1D87B 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
#C1D87B }
```

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

```
.border{ border-color:#C1D87B }
```

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

Here you see how a box with a 4 pixel #C1D87B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1D87B; -webkit-box-shadow:4px 4px  
4px 4px #C1D87B; box-shadow:4px 4px 4px  
4px #C1D87B }
```

Background

The CSS property to change the background color of an element to Hex C1D87B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1D87B }
```

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

```
.background{ background-color:#C1D87B }
```

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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