

Converting Colors

Hex(C2DA80)

Have a look what the booklet for
Hex(C2DA80) contains.

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Color

Hex(C2DA80)

Conversions

Conversions Part 1

Format	Color
Hex	C2DA80
RGB	194, 218, 128
RGB Percent	76%, 85%, 50%
CMY	0.2392, 0.1451, 0.4980
CMYK	0.11, 0.00, 0.41, 0.15
HSL	76°, 55%, 68%
HSV	76°, 41%, 85%
XYZ	51.2158, 63.1707, 29.9159
YIQ	200.5640, 14.5860, -33.0780

Conversions

Conversions Part 2

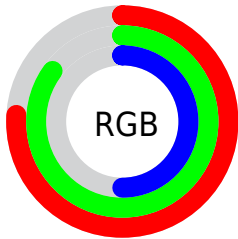
Format	Color
RYB	128, 218, 152
Decimal	12769920
CIELab	83.53, -22.14, 41.59
CIELCh	84, 47.115, 118.035
Yxy	63.1707, 0.3549, 0.4378
Android (android.graphics.Color)	4290960000 (0xFFC2DA80)
YUV	200.5640, -35.7741, -5.7566
Hunter-Lab	79.4800, -24.0670, 33.3195

Details

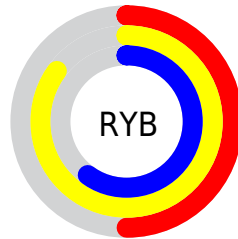
The Hex color **C2DA80** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **9880DA**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FCFFB6**, and **8BA34D** is the 20% darker color. If you saturate the color by 10%, you get **BCDA6A**, and if you desaturate by 10%, it is **C8DA96**.

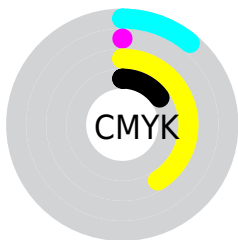
Distribution



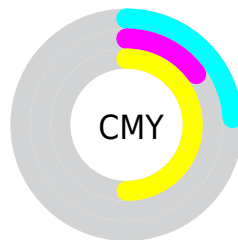
- Red (76%)
- Green (85%)
- Blue (50%)



- Red (50%)
- Yellow (85%)
- Blue (60%)



- Cyan (11%)
- Magenta (0%)
- Yellow (41%)
- Black (15%)



- Cyan (24%)
- Magenta (15%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color C2DA80 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 C2DA80 by changing the saturation by 10% instead.

 C2DA80

FFFFFF

 FCFFB6

 FFFFFD2

 FFFFFEF

 C2DA80

 A6BE66

 8BA34D

 708934

 576F1A

 3D5700

 263F00

 0B2900

 001500

 000000

 C2DA80

 C2DA80

 BCDA6A

 C8DA96

 B6DA54

 CEDAAC

 B1DA3F

 D3DAC1

 ABDA29

 D9DAD7

 A5DA13

 DFDAED

 A0DA00

 E5DAFF

 EBDAFF

 F1DAFF

 F6DAFF

Harmonies

Analogous

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



EFC76



C2DA80



8DE3A0

Triad

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



C2DA80



1CE1FF



FFADD5

Complementary

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



C2DA80



9880DA

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.



FFB6FF



C2DA80



87D5FF

Square

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



C2DA80



00E7F8



D1C6FF



FFB0A9

Rectangle

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



C2DA80



63E7BC



D1C6FF



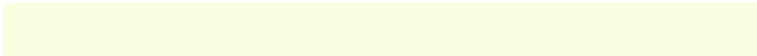
FFAFE4

Sweetspot

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



C2DA80



F7FFE0



DA9880



7B806E



000000



808080

Same Dimension

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



C2DA80



Ddff80



95DA80



6B6E63



7FAD00



222E00

Inverse Universe

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



9880DA



A280FF



C580DA



66636E



2E00AD



0C002E

Previews

White Background



This preview shows how the Hex color C2DA80 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 C2DA80 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

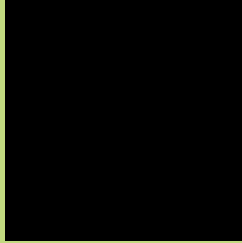
Any Text WCAG AA ✓ Pass

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 C2DA80 Background



This preview shows how black text looks on a background with the Hex color C2DA80.

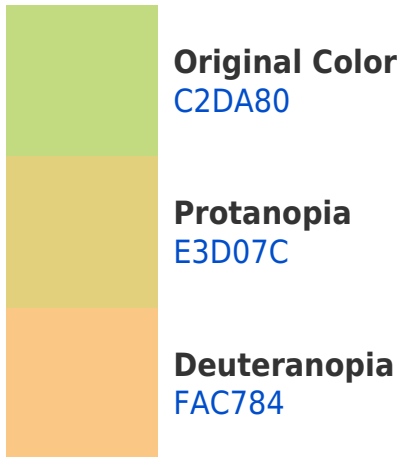


This preview shows how white text looks on a background with the Hex color C2DA80.

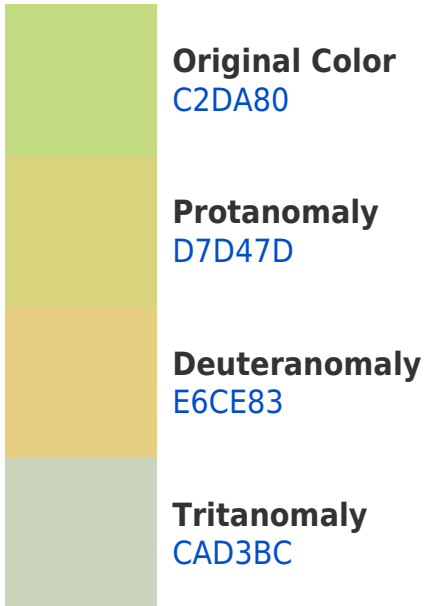
Color Blindness Simulation

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](#).

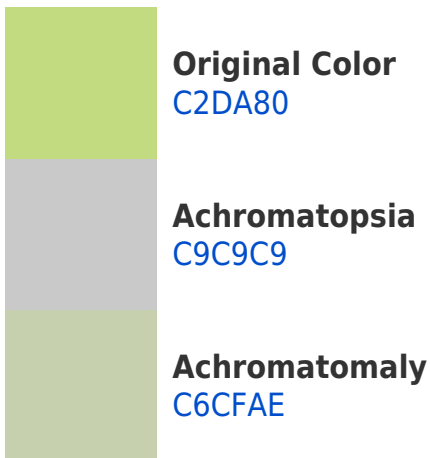
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C2DA80 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 #C2DA80 looks like.

```
.text, #text, p{  
    color:#C2DA80  
}
```

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 #C2DA80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2DA80
}
```

Border

The CSS property to change the border of an element to Hex C2DA80 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
#C2DA80 }
```

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

```
.border{ border-color:#C2DA80 }
```

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

Here you see how a box with a 4 pixel #C2DA80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2DA80; -webkit-box-shadow:4px 4px  
4px 4px #C2DA80; box-shadow:4px 4px 4px  
4px #C2DA80 }
```

Background

The CSS property to change the background color of an element to Hex C2DA80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2DA80 }
```

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

```
.background{ background-color:#C2DA80 }
```

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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