

Converting Colors

Hex(C5DA83)

Have a look what the booklet for
Hex(C5DA83) contains.

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Color

Hex(C5DA83)

Conversions

Conversions Part 1

Format	Color
Hex	C5DA83
RGB	197, 218, 131
RGB Percent	77%, 85%, 51%
CMY	0.2275, 0.1451, 0.4863
CMYK	0.10, 0.00, 0.40, 0.15
HSL	74°, 54%, 68%
HSV	74°, 40%, 85%
XYZ	52.1941, 63.6518, 31.0078
YIQ	201.8030, 15.4110, -31.5090

Conversions

Conversions Part 2

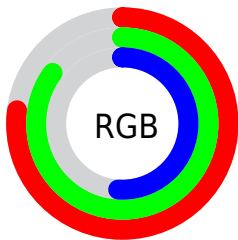
Format	Color
RYB	131, 218, 152
Decimal	12966531
CIELab	83.78, -20.66, 40.46
CIElCh	84, 45.427, 117.048
Yxy	63.6518, 0.3554, 0.4334
Android (android.graphics.Color)	4291156611 (0xFFC5DA83)
YUV	201.8030, -34.9059, -4.2122
Hunter-Lab	79.7821, -22.8425, 32.8040

Details

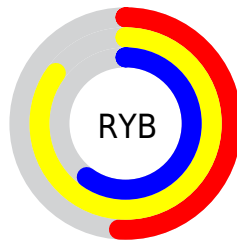
The Hex color **C5DA83** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **9883DA**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFFFB9**, and **8EA350** is the 20% darker color. If you saturate the color by 10%, you get **C0DA6D**, and if you desaturate by 10%, it is **CADA99**.

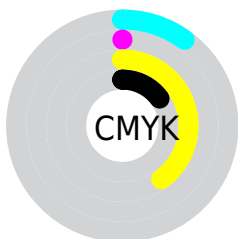
Distribution



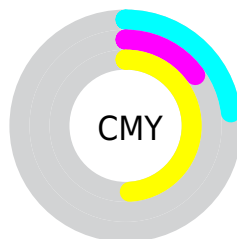
- Red (77%)
- Green (85%)
- Blue (51%)



- Red (51%)
- Yellow (85%)
- Blue (60%)



- Cyan (10%)
- Magenta (0%)
- Yellow (40%)
- Black (15%)



- Cyan (23%)
- Magenta (15%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color C5DA83 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 C5DA83 by changing the saturation by 10% instead.

 C5DA83

FFFFFF

 FFFFB9

 FFFFD5

 FFFFF2

 C5DA83

 A9BE69

 8EA350

 738937

 596F1E

 405701

 293F00

 0F2900

 001600

 000000

 C5DA83

 C5DA83

 C0DA6D

 CADA99

 BADA57

 D0DAAF

 B5DA42

 D5DAC4

 B0DA2C

 DADADA

 ABDA16

 DFDAF0

 A5DA00

 E5DAFF

 EADAFF

 EFDAFF

 F4DAFF

Harmonies

Analogous

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



F1CD7B



C5DA83



92E3A1

Triad

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



C5DA83



33E1FF



FFB0D7

Complementary

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



C5DA83



9883DA

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



C5DA83



8AD6FF

Square

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



C5DA83



00E7F6



CFC7FF



FFB2AC

Rectangle

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



C5DA83



6CE6BC



CFC7FF



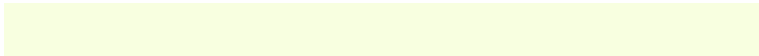
FFB1E5

Sweetspot

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



C5DA83



F8FFE0



DA9783



7B806E



000000



808080

Same Dimension

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



C5DA83



E1FF85



9ADA83



6B6E63



84AD00



232E00

Inverse Universe

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



9883DA



A285FF



C383DA



65636E



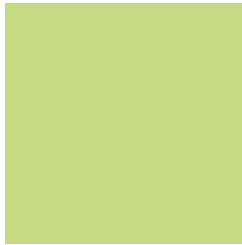
2A00AD



0B002E

Previews

White Background



This preview shows how the Hex color C5DA83 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 C5DA83 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

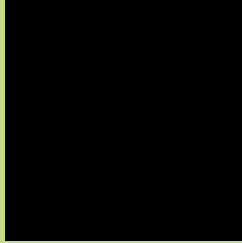
Any Text WCAG AA ✓ Pass

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 C5DA83 Background



This preview shows how black text looks on a background with the Hex color C5DA83.

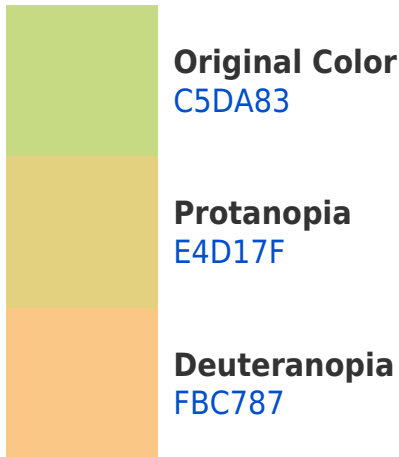


This preview shows how white text looks on a background with the Hex color C5DA83.

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](#).

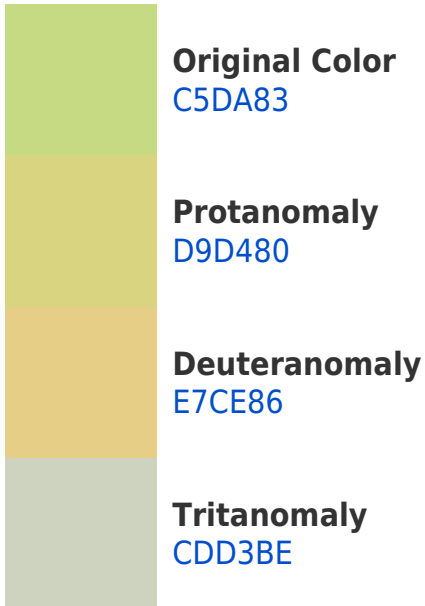
Dichromacy



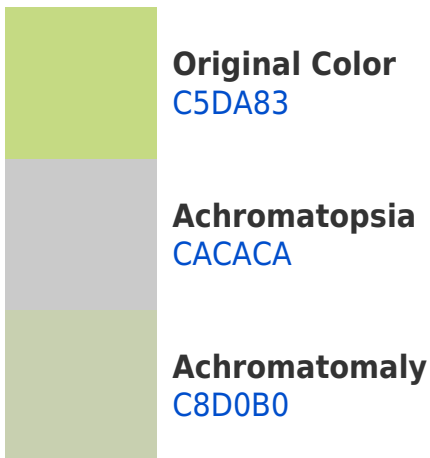


Tritanopia
D1CFDF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C5DA83 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 #C5DA83 looks like.

```
.text, #text, p{  
    color:#C5DA83  
}
```

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 #C5DA83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5DA83
}
```

Border

The CSS property to change the border of an element to Hex C5DA83 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
#C5DA83 }
```

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

```
.border{ border-color:#C5DA83 }
```

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

Here you see how a box with a 4 pixel #C5DA83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5DA83; -webkit-box-shadow:4px 4px  
4px 4px #C5DA83; box-shadow:4px 4px 4px  
4px #C5DA83 }
```

Background

The CSS property to change the background color of an element to Hex C5DA83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5DA83 }
```

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

```
.background{ background-color:#C5DA83 }
```

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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