

Converting Colors

Hex(C3DB83)

Have a look what the booklet for
Hex(C3DB83) contains.

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Color

Hex(C3DB83)

Conversions

Conversions Part 1

Format	Color
Hex	C3DB83
RGB	195, 219, 131
RGB Percent	76%, 86%, 51%
CMY	0.2353, 0.1412, 0.4863
CMYK	0.11, 0.00, 0.40, 0.14
HSL	76°, 55%, 69%
HSV	76°, 40%, 86%
XYZ	51.9339, 63.9038, 31.0702
YIQ	201.7920, 13.9440, -32.4560

Conversions

Conversions Part 2

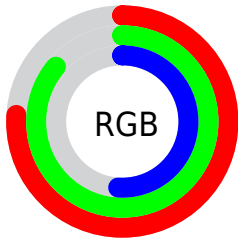
Format	Color
RYB	131, 219, 155
Decimal	12835715
CIELab	83.92, -21.91, 40.60
CIELCh	84, 46.130, 118.351
Yxy	63.9038, 0.3535, 0.4350
Android (android.graphics.Color)	4291025795 (0xFFC3DB83)
YUV	201.7920, -34.9005, -5.9566
Hunter-Lab	79.9399, -23.9300, 32.9137

Details

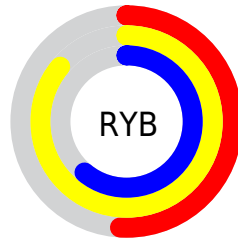
The Hex color **C3DB83** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **9B83DB**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FDFFB9**, and **8CA450** is the 20% darker color. If you saturate the color by 10%, you get **BDDB6D**, and if you desaturate by 10%, it is **C9DB99**.

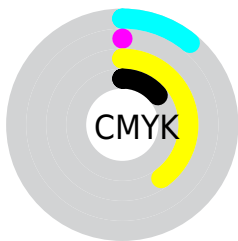
Distribution



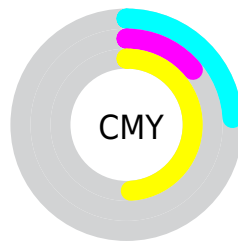
- Red (76%)
- Green (86%)
- Blue (51%)



- Red (51%)
- Yellow (86%)
- Blue (61%)



- Cyan (11%)
- Magenta (0%)
- Yellow (40%)
- Black (14%)



- Cyan (24%)
- Magenta (14%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color C3DB83 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 C3DB83 by changing the saturation by 10% instead.

 C3DB83

FFFFFF

 FDFFB9

 FFFFD5

 FFFFF2

 C3DB83

 A7BF69

 8CA450

 718A37

 58701E

 3F5801

 274000

 0D2A00

 001600

 000000

 C3DB83

 C3DB83

 BDD86D

 C9DB99

 B7DB57

 CFDBAF

 B1DB41

 D5DBC5

 ABDB2B

 DBDBDB

 A5DB15

 E1DBF1

 9FDB00

 E7DBFF

 EDD8FF

 F3DBFF

 F9DBFF

Harmonies

Analogous

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



F0CE79



C3DB83



8FE4A2

Triad

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



C3DB83



30E2FF



FFAFD5

Complementary

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



C3DB83



9B83DB

Split Complementary

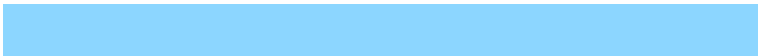
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB8FF



C3DB83



8CD6FF

Square

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



C3DB83



00E7F9



D2C7FF



FFB2AA

Rectangle

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



C3DB83



67E7BE



D2C7FF



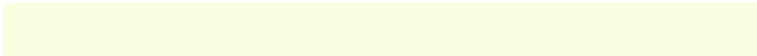
FFB1E4

Sweetspot

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



C3DB83



F7FFE0



DB9A83



7B806E



000000



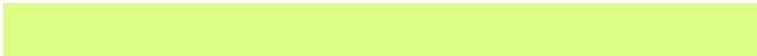
808080

Same Dimension

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



C3DB83



DEFF85



98DB83



6B6E63



7EAD00



212E00

Inverse Universe

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



9B83DB



A685FF



C683DB



66636E



2F00AD



0D002E

Previews

White Background



This preview shows how the Hex color C3DB83 looks on a white background.

Color Contrast Check

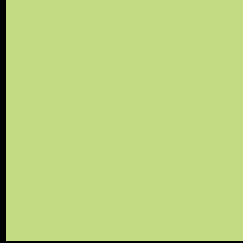
Large Text (above 18pt) WCAG AA × Fail

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 C3DB83 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 C3DB83 Background



This preview shows how black text looks on a background with the Hex color C3DB83.

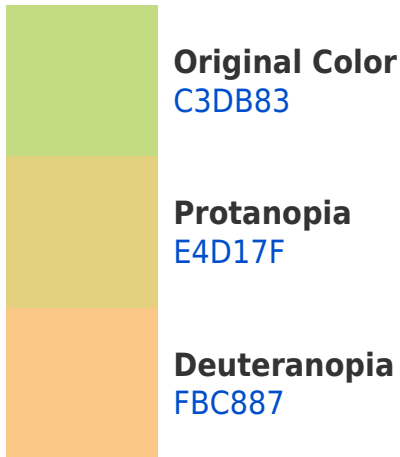


This preview shows how white text looks on a background with the Hex color C3DB83.

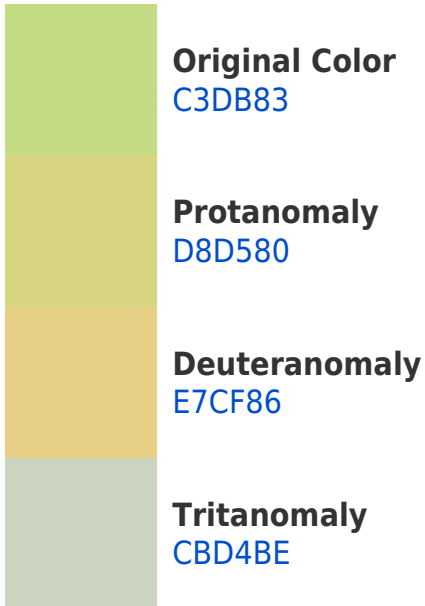
Color Blindness Simulation

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](#).

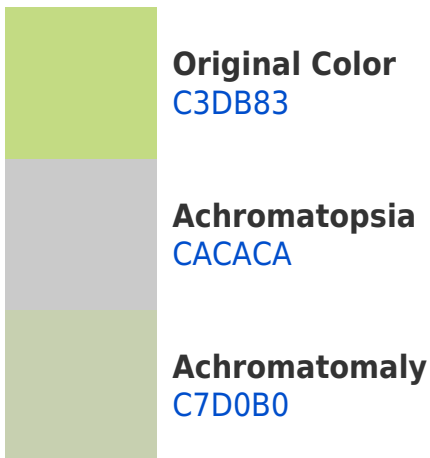
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C3DB83 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 #C3DB83 looks like.

```
.text, #text, p{  
    color:#C3DB83  
}
```

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 #C3DB83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3DB83
}
```

Border

The CSS property to change the border of an element to Hex C3DB83 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
#C3DB83 }
```

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

```
.border{ border-color:#C3DB83 }
```

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

Here you see how a box with a 4 pixel #C3DB83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3DB83; -webkit-box-shadow:4px 4px  
4px 4px #C3DB83; box-shadow:4px 4px 4px  
4px #C3DB83 }
```

Background

The CSS property to change the background color of an element to Hex C3DB83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3DB83 }
```

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

```
.background{ background-color:#C3DB83 }
```

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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