

Converting Colors

Hex(C7D483)

Have a look what the booklet for
Hex(C7D483) contains.

Hex(C7D483)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C7D483)

Conversions

Conversions Part 1

Format	Color
Hex	C7D483
RGB	199, 212, 131
RGB Percent	78%, 83%, 51%
CMY	0.2196, 0.1686, 0.4863
CMYK	0.06, 0.00, 0.38, 0.17
HSL	70°, 49%, 67%
HSV	70°, 38%, 83%
XYZ	51.1934, 60.8678, 30.5232
YIQ	198.8790, 18.2530, -27.9470

Conversions

Conversions Part 2

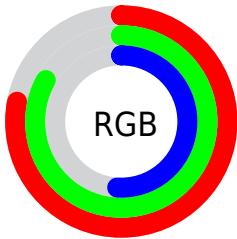
Format	Color
RYB	131, 212, 144
Decimal	13096067
CIELab	82.31, -16.93, 38.60
CIElCh	82, 42.150, 113.677
Yxy	60.8678, 0.3590, 0.4269
Android (android.graphics.Color)	4291286147 (0xFFC7D483)
YUV	198.8790, -33.4643, 0.1061
Hunter-Lab	78.0178, -19.4037, 31.4162

Details

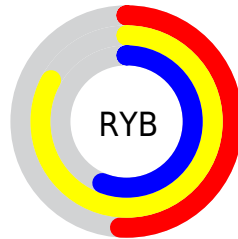
The Hex color **C7D483** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **9083D4**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFFFB9**, and **909D50** is the 20% darker color. If you saturate the color by 10%, you get **C4D46E**, and if you desaturate by 10%, it is **CAD498**.

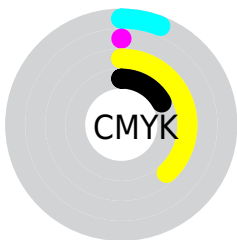
Distribution



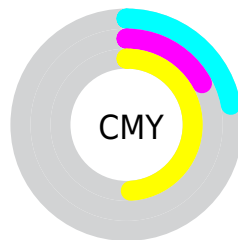
- Red (78%)
- Green (83%)
- Blue (51%)



- Red (51%)
- Yellow (83%)
- Blue (56%)



- Cyan (6%)
- Magenta (0%)
- Yellow (38%)
- Black (17%)



- Cyan (22%)
- Magenta (17%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color C7D483 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 C7D483 by changing the saturation by 10% instead.

 C7D483

FFFFFF

 FFFFFB9

 FFFFFD5

 FFFFFF2

 C7D483

 ABB869

 909D50


 758337

 5C6A1F

 435204

 2C3B00

 122500

 000F00

 000000

 C7D483

 C7D483

 C4D46E

 CAD498

 C0D459

 CED4AD

 BDD443

 D1D4C3

 B9D42E

 D5D4D8

 B6D419

 D8D4ED

 B3D404

 DBD4FF

 B2D400

 DFD4FF

 E2D4FF

 E6D4FF

Harmonies

Analogous

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



EFC77E



C7D483



99DD9D

Triad

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



C7D483



43DDFF



FFAFD7

Complementary

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



C7D483



9083D4

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.



F7B8FC



C7D483



86D3FF

Square

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



C7D483



32E2EB



C5C6FF



FFB0AF

Rectangle

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



C7D483



77E0B5



C5C6FF



FFB1E4

Sweetspot

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



C7D483



FAFFE3



D48F83



7D806F



000000



808080

Same Dimension

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



C7D483



ECFF8A



9FD483



696B60



8FAB00



242B00

Inverse Universe

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



9083D4



9D8AFF



B883D4



62606B



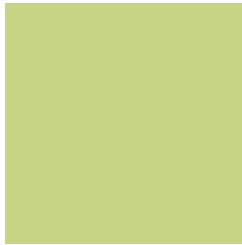
1B00AB



07002B

Previews

White Background



This preview shows how the Hex color C7D483 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 C7D483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

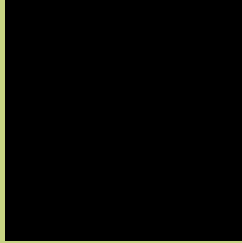
Any Text WCAG AA ✓ Pass

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 C7D483 Background



This preview shows how black text looks on a background with the Hex color C7D483.

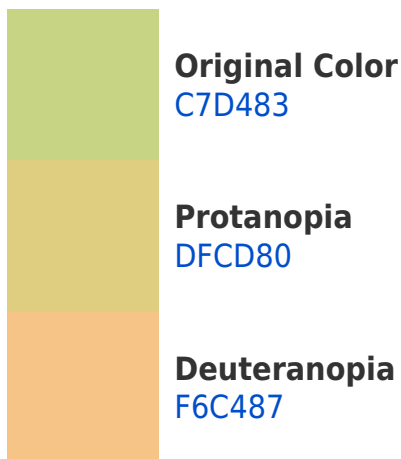


This preview shows how white text looks on a background with the Hex color C7D483.

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](#).

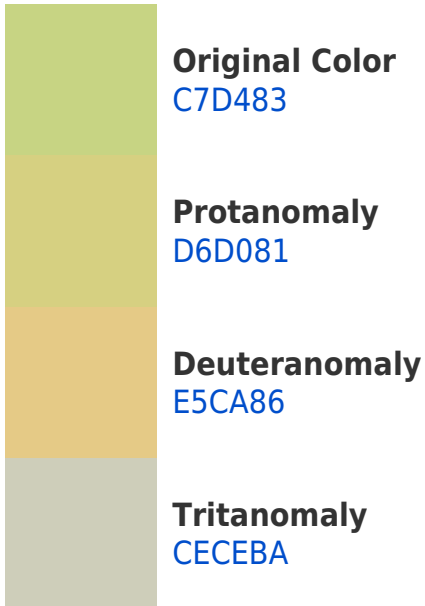
Dichromacy



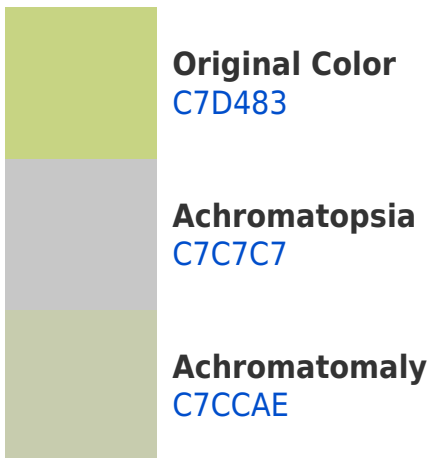


Tritanopia
D2CAD9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C7D483 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 #C7D483 looks like.

```
.text, #text, p{  
    color:#C7D483  
}
```

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 #C7D483 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7D483
}
```

Border

The CSS property to change the border of an element to Hex C7D483 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
#C7D483 }
```

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

```
.border{ border-color:#C7D483 }
```

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

Here you see how a box with a 4 pixel #C7D483 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7D483; -webkit-box-shadow:4px 4px  
4px 4px #C7D483; box-shadow:4px 4px 4px  
4px #C7D483 }
```

Background

The CSS property to change the background color of an element to Hex C7D483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7D483 }
```

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

```
.background{ background-color:#C7D483 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor