

Converting Colors

Hex(C9D385)

Have a look what the booklet for
Hex(C9D385) contains.

Hex(C9D385)	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(C9D385)

Conversions

Conversions Part 1

Format	Color
Hex	C9D385
RGB	201, 211, 133
RGB Percent	79%, 83%, 52%
CMY	0.2118, 0.1725, 0.4784
CMYK	0.05, 0.00, 0.37, 0.17
HSL	68°, 47%, 67%
HSV	68°, 37%, 83%
XYZ	51.6153, 60.6995, 31.1861
YIQ	199.1180, 19.0780, -26.3780

Conversions

Conversions Part 2

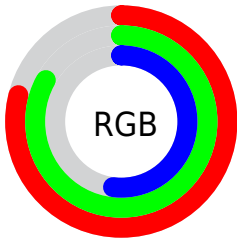
Format	Color
RYB	133, 211, 143
Decimal	13226885
CIELab	82.22, -15.42, 37.50
CIELCh	82, 40.551, 112.351
Yxy	60.6995, 0.3597, 0.4230
Android (android.graphics.Color)	4291416965 (0xFFC9D385)
YUV	199.1180, -32.5962, 1.6505
Hunter-Lab	77.9099, -18.0860, 30.8041

Details

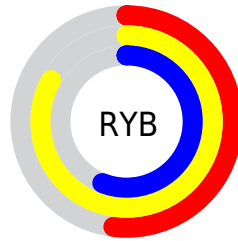
The Hex color **C9D385** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **8F85D3**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFFFBB**, and **929D52** is the 20% darker color. If you saturate the color by 10%, you get **C6D370**, and if you desaturate by 10%, it is **CCD39A**.

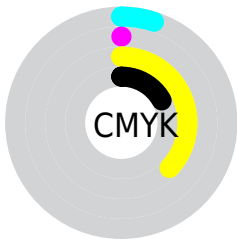
Distribution



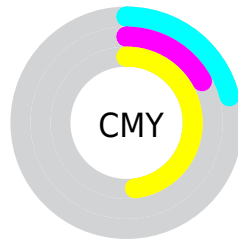
- Red (79%)
- Green (83%)
- Blue (52%)



- Red (52%)
- Yellow (83%)
- Blue (56%)



- Cyan (5%)
- Magenta (0%)
- Yellow (37%)
- Black (17%)



- Cyan (21%)
- Magenta (17%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color C9D385 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 C9D385 by changing the saturation by 10% instead.

 C9D385

FFFFFF

 FFFFBB

 FFFFD7

 FFFFF4

 C9D385

 ADB76B

 929D52

 77823A


 5E6921

 455107

 2D3A00

 152500

 000F00

 000000

 C9D385

 C9D385

 C6D370

 CCD39A

 C4D35B

 CED3AF

 C1D346

 D1D3C4

 BED331

 D4D3D9

 BBD31C

 D7D3EF

 B9D306

 D9D3FF

 B8D300

 DCD3FF

 DFD3FF

 E1D3FF

Harmonies

Analogous

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



EFC781



C9D385



9DDC9D

Triad

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



C9D385



4CDCFF



FFB0D8

Complementary

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



C9D385



8F85D3

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.



F3B9FB



C9D385



87D3FF

Square

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



C9D385



42E1E8



C3C6FF



FFB1B1

Rectangle

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



C9D385



7EDFB4



C3C6FF



FFB2E5

Sweetspot

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



C9D385



FBFFE3



D38E85



7D806F



000000



808080

Same Dimension

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



C9D385



F1FF8F



A3D385



67695E



93A800



242900

Inverse Universe

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



8F85D3



9D8FFF



B585D3



5F5E69



1600A8



050029

Previews

White Background



This preview shows how the Hex color C9D385 looks on a white background.

Color Contrast Check

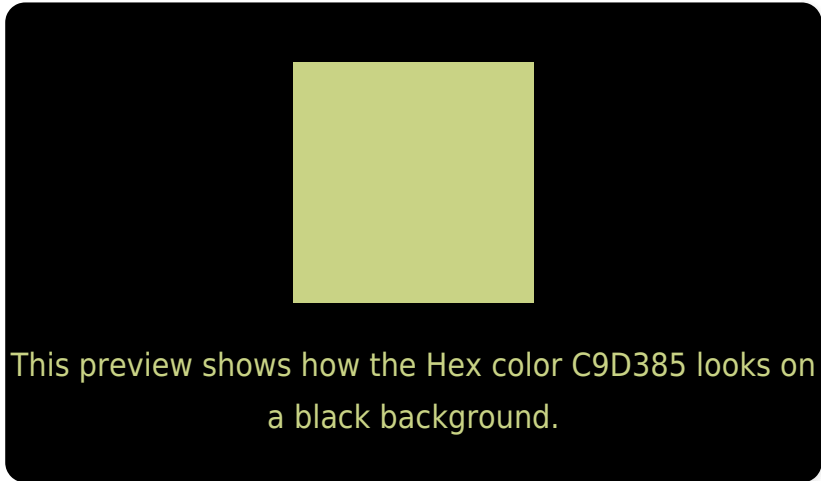
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

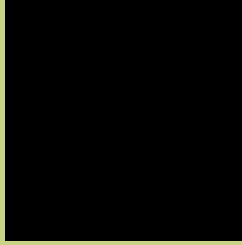
Any Text WCAG AA ✓ Pass

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 C9D385 Background



This preview shows how black text looks on a background with the Hex color C9D385.

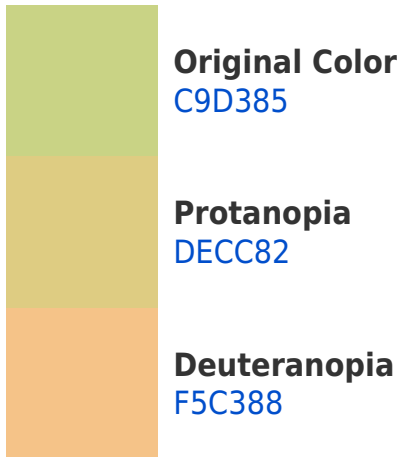


This preview shows how white text looks on a background with the Hex color C9D385.

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](#).

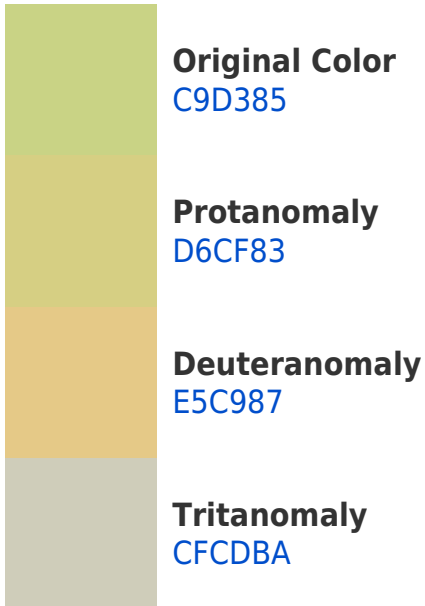
Dichromacy



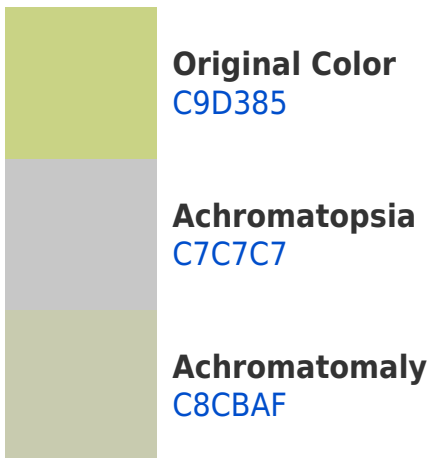


Tritanopia
D3C9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C9D385 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 #C9D385 looks like.

```
.text, #text, p{  
    color:#C9D385  
}
```

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 #C9D385 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9D385
}
```

Border

The CSS property to change the border of an element to Hex C9D385 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
#C9D385 }
```

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

```
.border{ border-color:#C9D385 }
```

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

Here you see how a box with a 4 pixel #C9D385 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9D385; -webkit-box-shadow:4px 4px  
4px 4px #C9D385; box-shadow:4px 4px 4px  
4px #C9D385 }
```

Background

The CSS property to change the background color of an element to Hex C9D385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9D385 }
```

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

```
.background{ background-color:#C9D385 }
```

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