

# Converting Colors

Hex(CDC5A3)

Have a look what the booklet for  
Hex(CDC5A3) contains.

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# **Color**

**Hex(CDC5A3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDC5A3
RGB	205, 197, 163
RGB Percent	80%, 77%, 64%
CMY	0.1961, 0.2275, 0.3608
CMYK	0.00, 0.04, 0.20, 0.20
HSL	49°, 30%, 72%
HSV	49°, 20%, 80%
XYZ	51.7539, 55.5560, 42.6460
YIQ	195.5160, 15.6820, -8.8780

# Conversions

## Conversions Part 2

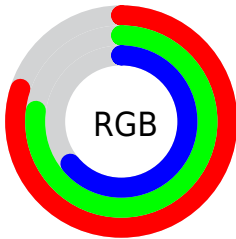
<b>Format</b>	<b>Color</b>
<b>RYB</b>	173, 205, 163
Decimal	13485475
CIELab	79.36, -2.74, 18.08
CIELCh	79, 18.291, 98.627
Yxy	55.5560, 0.3451, 0.3705
Android (android.graphics.Color)	4291675555 (0xFFCDC5A3)
YUV	195.5160, -16.0304, 8.3175
Hunter-Lab	74.5359, -6.4964, 18.2521

# Details

The Hex color **CDC5A3** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **A3ABCD**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFFEDA**, and **968F6F** is the 20% darker color. If you saturate the color by 10%, you get **CDC18F**, and if you desaturate by 10%, it is **CDC9B8**.

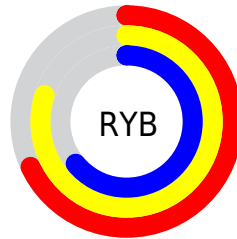
# Distribution



Red (80%)

Green (77%)

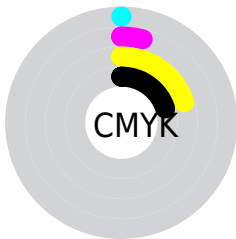
Blue (64%)



Red (68%)

Yellow (80%)

Blue (64%)

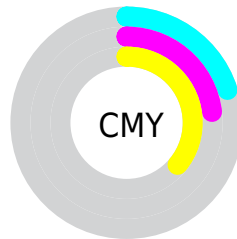


Cyan (0%)

Magenta (4%)

Yellow (20%)

Black (20%)



Cyan (20%)

Magenta (23%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDC5A3 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 CDC5A3 by changing the saturation by 10% instead.





CDC5A3



CDC5A3

FFFFFF



B1AA89



FFFEDA



968F6F



FFFFFF7



7C7657



635D3F



4B4629



342F14



1F1B00



000000



CDC5A3



CDC5A3

 CDC18F

 CDC9B8

 CDBD7A

 CDCDCC

 CDB965

 CDD1E0

 CDB551

 CDD5F5

 CDB13C

 CDD9FF

 CDAE28

 CDDCFF

 CDAA13

 CDE0FF

 CDA600

 CDE4FF

 CDE8FF

# Harmonies

## Analogous

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



DDBFA5



CDC5A3



BACAAA

# Triad

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



CDC5A3



98CDD9



DFBAD1

# Complementary

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



CDC5A3



A3ABCD

# 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.



CEBFDF



CDC5A3



A4CAE4

# Square

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



CDC5A3



9ACFC9



B8C4E6



E8B9C0

# Rectangle

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



CDC5A3



ADCDB2



B8C4E6



DABBD7



# Sweetspot

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



CDC5A3



FFFCF0



CDA3AB



807E77



000000



808080



# Same Dimension

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



CDC5A3



FFF3BF



C0CDA3



66645C



A68600



261F00



# Inverse Universe

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



A3ABCD



BFCBFF



B0A3CD



5C5E66



0020A6



000726



# Previews

## White Background



This preview shows how the Hex color CDC5A3 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 CDC5A3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

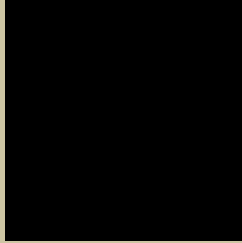
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CDC5A3 Background



This preview shows how black text looks on a background with the Hex color CDC5A3.

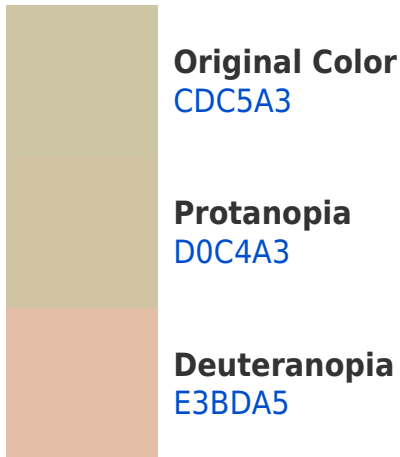


This preview shows how white text looks on a background with the Hex color CDC5A3.

# 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](#).

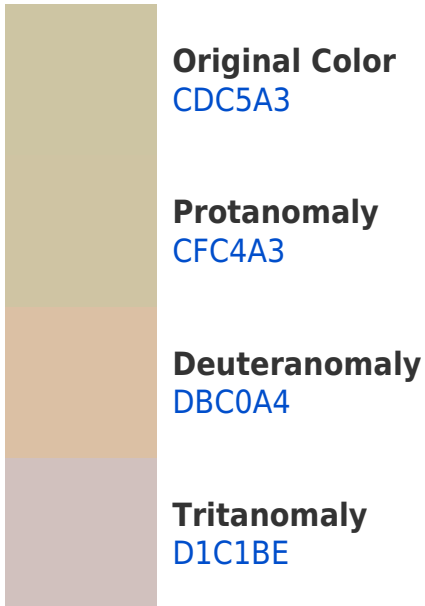
## Dichromacy



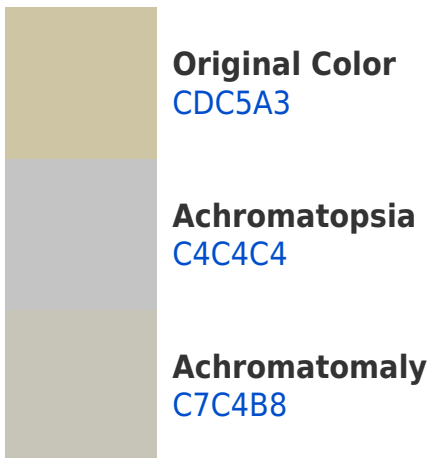


**Tritanopia**  
D3BFCE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDC5A3 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 #CDC5A3 looks like.

```
.text, #text, p{  
    color:#CDC5A3  
}
```

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 #CDC5A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDC5A3  
}
```

## Border

The CSS property to change the border of an element to Hex CDC5A3 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  
#CDC5A3 }
```

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

```
.border{ border-color:#CDC5A3 }
```

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

Here you see how a box with a 4 pixel #CDC5A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDC5A3; -webkit-box-shadow:4px 4px  
4px 4px #CDC5A3; box-shadow:4px 4px 4px  
4px #CDC5A3 }
```

# Background

The CSS property to change the background color of an element to Hex CDC5A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDC5A3 }
```

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

```
.background{ background-color:#CDC5A3 }
```

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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