

# Converting Colors

Hex(C5DFCA)

Have a look what the booklet for  
Hex(C5DFCA) contains.

<b>Hex(C5DFCA)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(C5DFCA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C5DFCA
RGB	197, 223, 202
RGB Percent	77%, 87%, 79%
CMY	0.2275, 0.1255, 0.2078
CMYK	0.12, 0.00, 0.09, 0.13
HSL	132°, 29%, 82%
HSV	132°, 12%, 87%
XYZ	60.0743, 68.9099, 66.0118
YIQ	212.8320, -8.7550, -12.0430

# Conversions

## Conversions Part 2

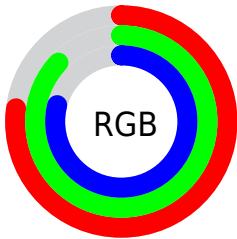
<b>Format</b>	<b>Color</b>
<b>RYB</b>	197, 219, 223
Decimal	12967882
CIELab	86.46, -12.54, 7.38
CIELCh	86, 14.552, 149.514
Yxy	68.9099, 0.3081, 0.3534
Android (android.graphics.Color)	4291157962 (0xFFC5DFCA)
YUV	212.8320, -5.3402, -13.8847
Hunter-Lab	83.0120, -16.0938, 10.9605

# Details

The Hex color **C5DFCA** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **DFC5DA**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FEFFFF**, and **8FA894** is the 20% darker color. If you saturate the color by 10%, you get **AFDFB8**, and if you desaturate by 10%, it is **DBDFDC**.

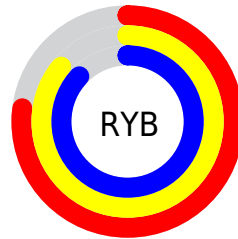
# Distribution



Red (77%)

Green (87%)

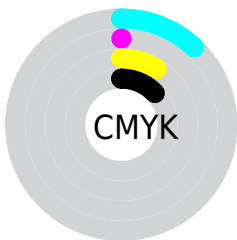
Blue (79%)



Red (77%)

Yellow (86%)

Blue (87%)

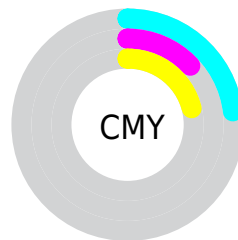


Cyan (12%)

Magenta (0%)

Yellow (9%)

Black (13%)



Cyan (23%)

Magenta (13%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5DFCA 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 C5DFCA by changing the saturation by 10% instead.



 C5DFCA

FFFFFF

FEFFFF

 C5DFCA

 AAC3AF

 8FA894

 758D7A

 5D7461

 455B4A

 2E4433

 192D1E

 001905

 000000

 C5DFCA

 C5DFCA

 AFDFB8

 DBDFDC

 98DFA6

 F2DFEE

 82DF94

 FFDFFF

 6CDF82

 56DF70

 3FDF5E

 29DF4C

 13DF3A

 00DF2B

# Harmonies

## Analogous

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



D5DCC0



C5DFCA



B9E1D8

# Triad

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



C5DFCA



C9DAF4



F6D0CB

# Complementary

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



C5DFCA



DFC5DA

# 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.



F4CFD9



C5DFCA



DBD5F0

# Square

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



C5DFCA



BBDEF0



EAD1E7



F0D3C1

# Rectangle

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



C5DFCA



B6E0E1



EAD1E7



F6CFD0



# Sweetspot

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



C5DFCA



F7FFF9



DADFC5



7A807B



000000



808080

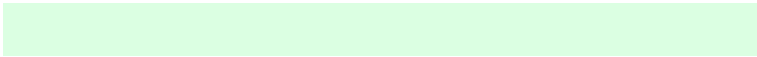


# Same Dimension

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



C5DFCA



DBFFE2



C5DFD7



657067



00B022



003009



# Inverse Universe

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



DFC5DA



FFDBF8



DFC5CD



70656E



B0008E



300027



# Previews

## White Background



This preview shows how the Hex color C5DFCA looks on a white background.

## Color Contrast Check

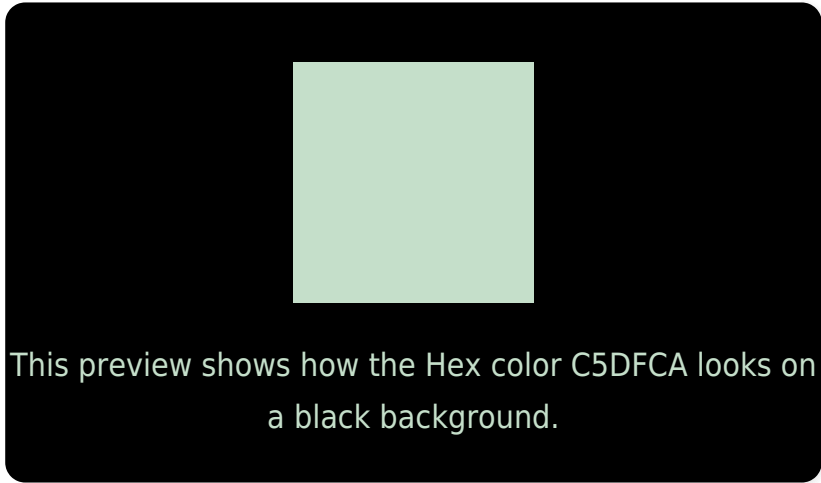
Large Text (above 18pt) WCAG AA × Fail

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

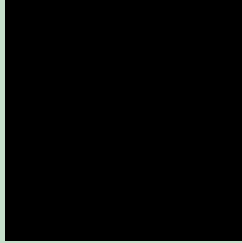
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

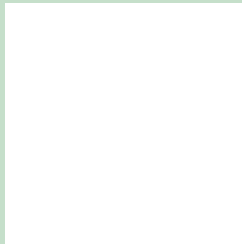
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C5DFCA Background



This preview shows how black text looks on a background with the Hex color C5DFCA.

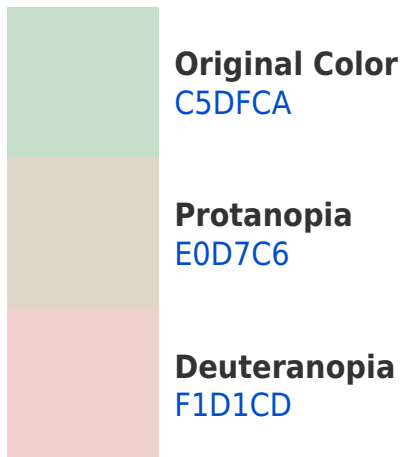


This preview shows how white text looks on a background with the Hex color C5DFCA.

# Color Blindness Simulation

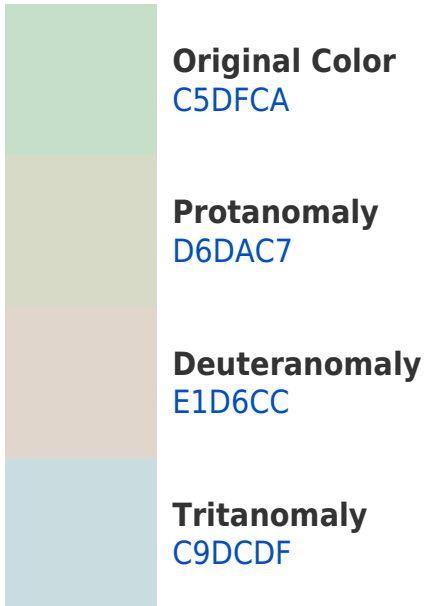
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

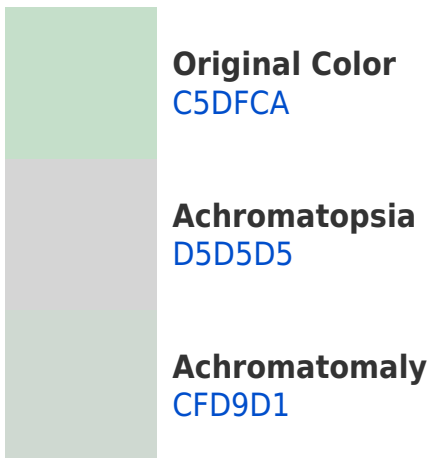




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5DFCA 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 #C5DFCA looks like.

```
.text, #text, p{  
    color:#C5DFCA  
}
```

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 #C5DFCA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5DFCA
}
```

## Border

The CSS property to change the border of an element to Hex C5DFCA 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
#C5DFCA }
```

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

```
.border{ border-color:#C5DFCA }
```

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

Here you see how a box with a 4 pixel #C5DFCA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5DFCA; -webkit-box-shadow:4px 4px  
4px 4px #C5DFCA; box-shadow:4px 4px 4px  
4px #C5DFCA }
```

# Background

The CSS property to change the background color of an element to Hex C5DFCA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5DFCA }
```

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

```
.background{ background-color:#C5DFCA }
```

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