

# Converting Colors

Hex(C5DEC3)

Have a look what the booklet for  
Hex(C5DEC3) contains.

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# **Color**

**Hex(C5DEC3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C5DEC3
RGB	197, 222, 195
RGB Percent	77%, 87%, 76%
CMY	0.2275, 0.1294, 0.2353
CMYK	0.11, 0.00, 0.12, 0.13
HSL	116°, 29%, 82%
HSV	116°, 12%, 87%
XYZ	58.9976, 68.0530, 61.6558
YIQ	211.4470, -6.2330, -13.6970

# Conversions

## Conversions Part 2

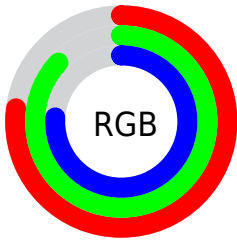
<b>Format</b>	<b>Color</b>
<b>RYB</b>	195, 222, 220
Decimal	12967619
CIELab	86.03, -13.28, 10.46
CIELCh	86, 16.903, 141.788
Yxy	68.0530, 0.3126, 0.3606
Android (android.graphics.Color)	4291157699 (0xFFC5DEC3)
YUV	211.4470, -8.1084, -12.6700
Hunter-Lab	82.4942, -16.7067, 13.4329

# Details

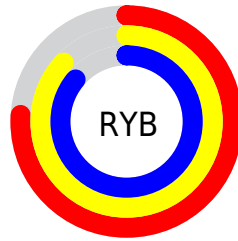
The Hex color **C5DEC3** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **DCC3DE**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FEFFFC**, and **8FA78D** is the 20% darker color. If you saturate the color by 10%, you get **B0DEAD**, and if you desaturate by 10%, it is **DADED9**.

# Distribution



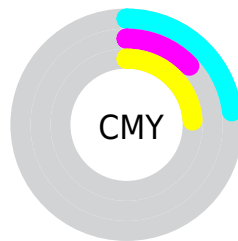
- Red (77%)
- Green (87%)
- Blue (76%)



- Red (76%)
- Yellow (87%)
- Blue (86%)



- Cyan (11%)
- Magenta (0%)
- Yellow (12%)
- Black (13%)



- Cyan (23%)
- Magenta (13%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5DEC3 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 C5DEC3 by changing the saturation by 10% instead.



 C5DEC3

FFFFFF

 FEFFFC

 C5DEC3

 AAC2A8

 8FA78D

 758C74

 5C735B

 455A44

 2E432D

 192C19

 001900

 000000

 C5DEC3

 C5DEC3

 B0DEAD

 DADED9

 9CDE97

 EEDEEF

 87DE80

 FFDEFF

 73DE6A

 5EDE54

 4ADE3E

 35DE28

 21DE11

 10DE00

# Harmonies

## Analogous

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



D7DAB9



C5DEC3



B6E0D2

# Triad

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



C5DEC3



C1DAF6



F9CDCC

# Complementary

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



C5DEC3



DCC3DE

# 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.



F5CDDC



C5DEC3



D5D5F5

# Square

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



C5DEC3



B2DEF0



E8D0EB



F5D0BF

# Rectangle

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



C5DEC3



AFE1DD



E8D0EB



F9CCD1



# Sweetspot

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



C5DEC3



F6FFF5



DEDCC3



7A8079



000000



808080

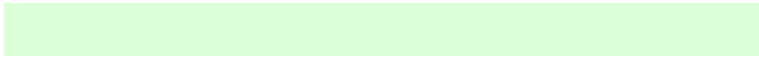


# Same Dimension

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



C5DEC3



DCFFD9



C3DECE



667065



0DB000



043000



# Inverse Universe

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



DCC3DE



FCD9FF



DEC3D3



6F6570



A300B0

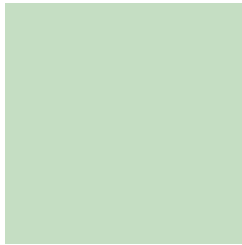


2D0030



# Previews

## White Background



This preview shows how the Hex color C5DEC3 looks on a white background.

## Color Contrast Check

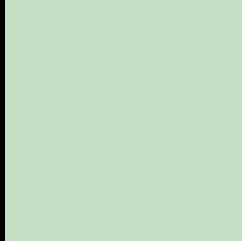
Large Text (above 18pt) WCAG AA × Fail

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 C5DEC3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

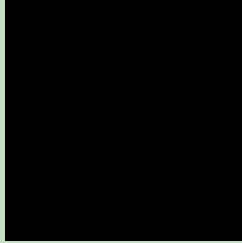
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

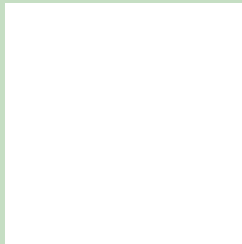
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C5DEC3 Background



This preview shows how black text looks on a background with the Hex color C5DEC3.

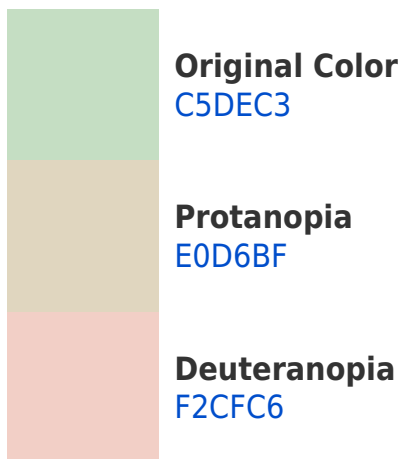


This preview shows how white text looks on a background with the Hex color C5DEC3.

# 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](#).

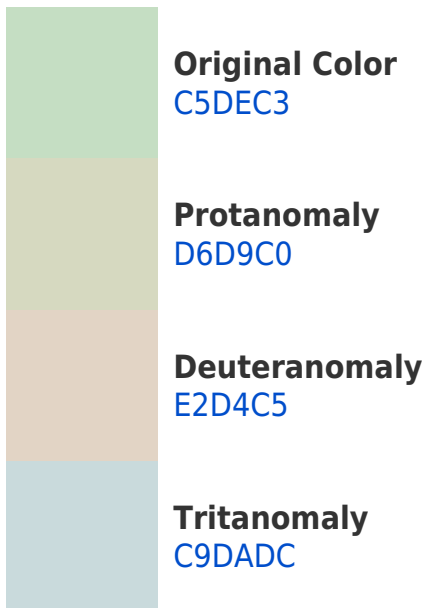
## Dichromacy



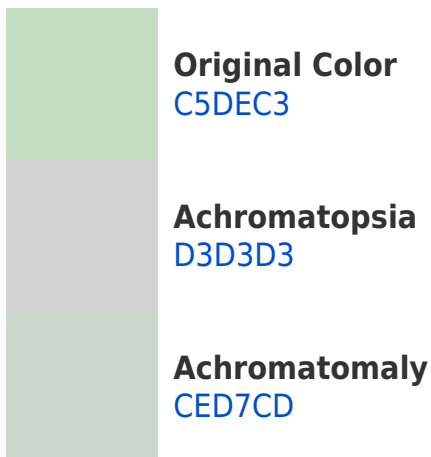


**Tritanopia**  
CBD8EA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5DEC3 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 #C5DEC3 looks like.

```
.text, #text, p{  
    color:#C5DEC3  
}
```

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 #C5DEC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5DEC3  
}
```

## Border

The CSS property to change the border of an element to Hex C5DEC3 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  
#C5DEC3 }
```

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

```
.border{ border-color:#C5DEC3 }
```

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

Here you see how a box with a 4 pixel #C5DEC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5DEC3; -webkit-box-shadow:4px 4px  
4px 4px #C5DEC3; box-shadow:4px 4px 4px  
4px #C5DEC3 }
```

# Background

The CSS property to change the background color of an element to Hex C5DEC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5DEC3 }
```

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

```
.background{ background-color:#C5DEC3 }
```

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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