

# Converting Colors

Hex(C5DEA8)

Have a look what the booklet for  
Hex(C5DEA8) contains.

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# **Color**

**Hex(C5DEA8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5DEA8
RGB	197, 222, 168
RGB Percent	77%, 87%, 66%
CMY	0.2275, 0.1294, 0.3412
CMYK	0.11, 0.00, 0.24, 0.13
HSL	88°, 45%, 76%
HSV	88°, 24%, 87%
XYZ	56.2151, 66.9400, 47.0037
YIQ	208.3690, 2.4340, -22.0940

# Conversions

## Conversions Part 2

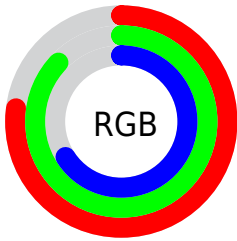
Format	Color
<a href="#">RYB</a>	<a href="#">168, 222, 193</a>
Decimal	<a href="#">12967592</a>
CIELab	<a href="#">85.47, -17.68, 23.80</a>
CIELCh	<a href="#">85, 29.651, 126.613</a>
Yxy	<a href="#">66.9400, 0.3304, 0.3934</a>
Android (android.graphics.Color)	<a href="#">4291157672 (0xFFC5DEA8)</a>
YUV	<a href="#">208.3690, -19.9019, -9.9706</a>
Hunter-Lab	<a href="#">81.8169, -20.5349, 23.2098</a>

# Details

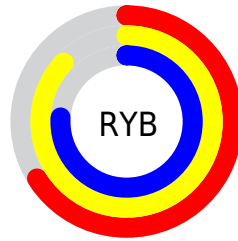
The Hex color **C5DEA8** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **C1A8DE**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FEFFDF**, and **8FA774** is the 20% darker color. If you saturate the color by 10%, you get **BBDE92**, and if you desaturate by 10%, it is **CFDEBE**.

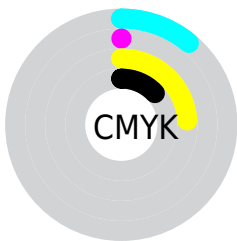
# Distribution



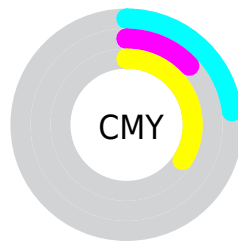
- Red (77%)
- Green (87%)
- Blue (66%)



- Red (66%)
- Yellow (87%)
- Blue (76%)



- Cyan (11%)
- Magenta (0%)
- Yellow (24%)
- Black (13%)



- Cyan (23%)
- Magenta (13%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5DEA8 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 C5DEA8 by changing the saturation by 10% instead.



 C5DEA8

FFFFFF

 FEFFDF

 FFFFC

 C5DEA8

 AAC28D

 8FA774

 758C5B

 5C7343

 435A2C

 2C4316

 172C00

 001900

 000000

 C5DEA8

 C5DEA8

 BBDE92

 CFDEBE

 B0DE7C

 DADED4

 A6DE65

 E4DEEB

 9CDE4F

 EEDEFF

 92DE39

 F8DEFF

 87DE23

 FFDEFF

 7DDE0D

 77DE00

# Harmonies

## Analogous

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



E4D69E



C5DEA8



A5E3BE

# Triad

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



C5DEA8



97DFFF



FFC1D0

# Complementary

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



C5DEA8



C1A8DE

# 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.



FFC4EC



C5DEA8



BCD6FF

# Square

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



C5DEA8



84E4F6



E2CCFF



FFC4B5

# Rectangle

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



C5DEA8



92E5D1



E2CCFF



FFC2DA

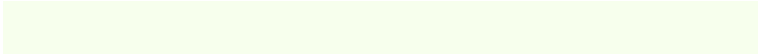


# Sweetspot

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



C5DEA8



F7FFED



DEC0A8



7B8075



000000



808080

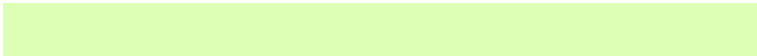


# Same Dimension

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



C5DEA8



DFFB5



ABDEA8



6B7065



5EB000



1A3000



# Inverse Universe

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



C1A8DE



D7B5FF



DBA8DE



6A6570



5100B0

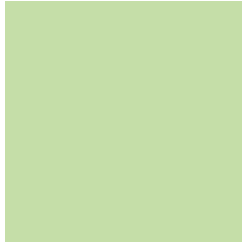


160030



# Previews

## White Background



This preview shows how the Hex color C5DEA8 looks on a white background.

## Color Contrast Check

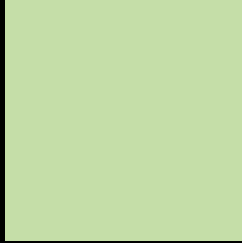
Large Text (above 18pt) WCAG AA × Fail

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 C5DEA8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

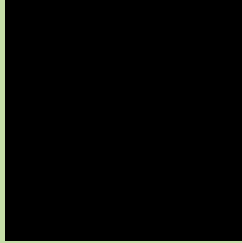
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C5DEA8 Background



This preview shows how black text looks on a background with the Hex color C5DEA8.

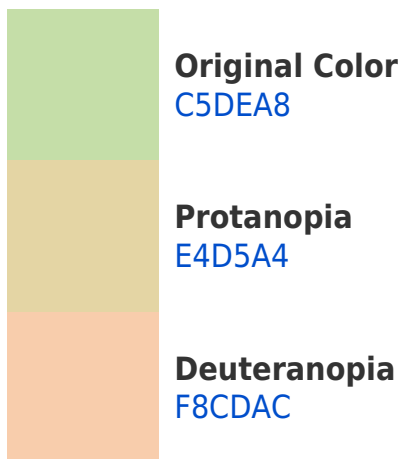


This preview shows how white text looks on a background with the Hex color C5DEA8.

# 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](#).

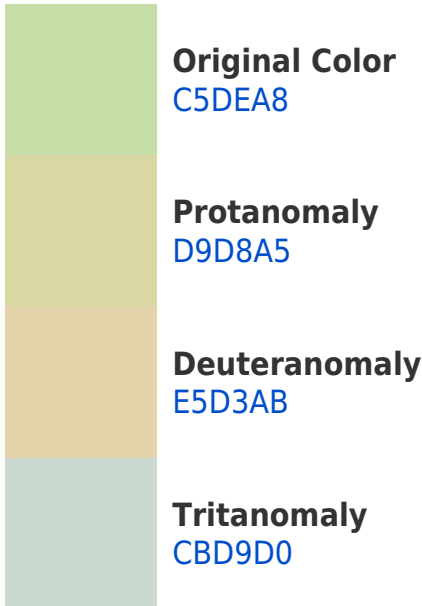
## Dichromacy



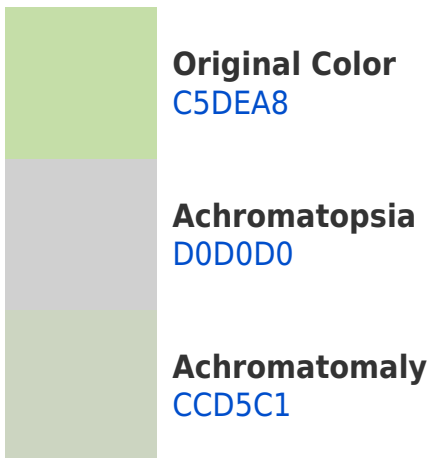


**Tritanopia**  
CED6E7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5DEA8 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 #C5DEA8 looks like.

```
.text, #text, p{  
    color:#C5DEA8  
}
```

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 #C5DEA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5DEA8
}
```

## Border

The CSS property to change the border of an element to Hex C5DEA8 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
#C5DEA8 }
```

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

```
.border{ border-color:#C5DEA8 }
```

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

Here you see how a box with a 4 pixel #C5DEA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5DEA8; -webkit-box-shadow:4px 4px  
4px 4px #C5DEA8; box-shadow:4px 4px 4px  
4px #C5DEA8 }
```

# Background

The CSS property to change the background color of an element to Hex C5DEA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5DEA8 }
```

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

```
.background{ background-color:#C5DEA8 }
```

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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