

# Converting Colors

Hex(C1D9B7)

Have a look what the booklet for  
Hex(C1D9B7) contains.

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# **Color**

**Hex(C1D9B7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C1D9B7
RGB	193, 217, 183
RGB Percent	76%, 85%, 72%
CMY	0.2431, 0.1490, 0.2824
CMYK	0.11, 0.00, 0.16, 0.15
HSL	102°, 31%, 78%
HSV	102°, 16%, 85%
XYZ	55.3524, 64.3821, 54.3093
YIQ	205.9480, -3.3900, -15.6620

# Conversions

## Conversions Part 2

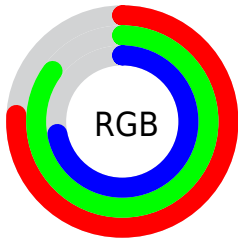
<b>Format</b>	<b>Color</b>
<b>RYB</b>	183, 217, 207
Decimal	12704183
CIELab	84.16, -14.20, 14.09
CIELCh	84, 20.000, 135.228
Yxy	64.3821, 0.3180, 0.3699
Android (android.graphics.Color)	4290894263 (0xFFC1D9B7)
YUV	205.9480, -11.3134, -11.3554
Hunter-Lab	80.2384, -17.2792, 16.0365

# Details

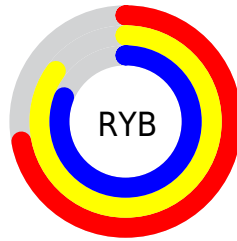
The Hex color **C1D9B7** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **CFB7D9**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FAFFEF**, and **8BA282** is the 20% darker color. If you saturate the color by 10%, you get **B2D9A1**, and if you desaturate by 10%, it is **D0D9CD**.

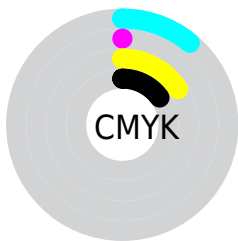
# Distribution



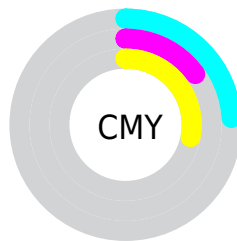
- Red (76%)
- Green (85%)
- Blue (72%)



- Red (72%)
- Yellow (85%)
- Blue (81%)



- Cyan (11%)
- Magenta (0%)
- Yellow (16%)
- Black (15%)



- Cyan (24%)
- Magenta (15%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C1D9B7 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 C1D9B7 by changing the saturation by 10% instead.



 C1D9B7

FFFFFF

 FAFFEF

 C1D9B7

 A6BD9C

 8BA282

 728869

 596E51

 415639

 2B3F24

 15290F

 001600

 000000

 C1D9B7

 C1D9B7

 B2D9A1

 D0D9CD

 A2D98C

 E0D9E2

 93D976

 EFD9F8

 84D960

 FED9FF

 74D94B

 FFD9FF

 65D935

 56D91F

 46D909

 40D900

# Harmonies

## Analogous

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



D7D4AE



C1D9B7



ADDCC8

# Triad

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



C1D9B7



B2D6F6



FAC5C9

# Complementary

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



C1D9B7



CFB7D9

# 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.



F2C6DC



C1D9B7



C9D0F6

# Square

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



C1D9B7



A2DBEC



E1CAED



F6C8B8

# Rectangle

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



C1D9B7



A4DDD5



E1CAED



F8C5CF



# Sweetspot

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



C1D9B7



F6FFF2



D9CFB7



7A8078



000000



808080

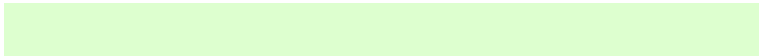


# Same Dimension

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



C1D9B7



DFFCF



B7D9BE



666E63



33AD00



0E2E00



# Inverse Universe

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



CFB7D9



F1CFFF



D9B7D2



6A636E



7A00AD

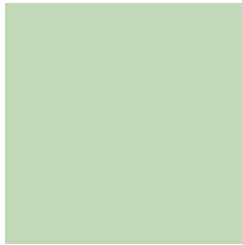


20002E



# Previews

## White Background



This preview shows how the Hex color C1D9B7 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 C1D9B7 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 C1D9B7 Background



This preview shows how black text looks on a background with the Hex color C1D9B7.

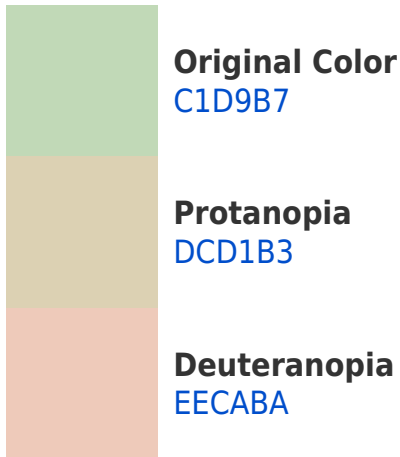


This preview shows how white text looks on a background with the Hex color C1D9B7.

# 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](#).

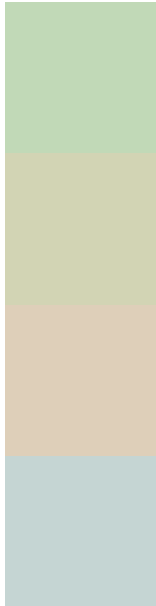
## Dichromacy





**Tritanopia**  
C8D3E3

# Trichromacy



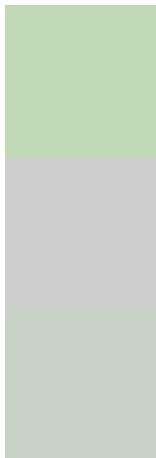
**Original Color**  
C1D9B7

**Protanomaly**  
D2D4B4

**Deuteranomaly**  
DECFB9

**Tritanomaly**  
C5D5D3

# Monochromacy



**Original Color**  
C1D9B7

**Achromatopsia**  
CECECE

**Achromatomaly**  
C9D2C6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C1D9B7 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 #C1D9B7 looks like.

```
.text, #text, p{  
    color:#C1D9B7  
}
```

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 #C1D9B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1D9B7
}
```

## Border

The CSS property to change the border of an element to Hex C1D9B7 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
#C1D9B7 }
```

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

```
.border{ border-color:#C1D9B7 }
```

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

Here you see how a box with a 4 pixel #C1D9B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1D9B7; -webkit-box-shadow:4px 4px  
4px 4px #C1D9B7; box-shadow:4px 4px 4px  
4px #C1D9B7 }
```

# Background

The CSS property to change the background color of an element to Hex C1D9B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1D9B7 }
```

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

```
.background{ background-color:#C1D9B7 }
```

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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