

# Converting Colors

Hex(C7E9A2)

Have a look what the booklet for  
Hex(C7E9A2) contains.

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# **Color**

**Hex(C7E9A2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C7E9A2
RGB	199, 233, 162
RGB Percent	78%, 91%, 64%
CMY	0.2196, 0.0863, 0.3647
CMYK	0.15, 0.00, 0.30, 0.09
HSL	89°, 62%, 77%
HSV	89°, 30%, 91%
XYZ	59.2137, 73.0286, 45.1575
YIQ	214.7400, 2.5270, -29.2890

# Conversions

## Conversions Part 2

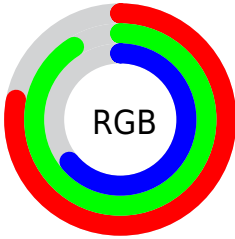
Format	Color
<a href="#">RYB</a>	<a href="#">162, 233, 196</a>
Decimal	<a href="#">13101474</a>
CIELab	<a href="#">88.46, -23.23, 30.96</a>
CIELCh	<a href="#">88, 38.703, 126.882</a>
Yxy	<a href="#">73.0286, 0.3338, 0.4117</a>
Android (android.graphics.Color)	<a href="#">4291291554</a> ( <a href="#">0xFFC7E9A2</a> )
YUV	<a href="#">214.7400, -26.0008, -13.8040</a>
Hunter-Lab	<a href="#">85.4568, -25.8652, 28.4894</a>

# Details

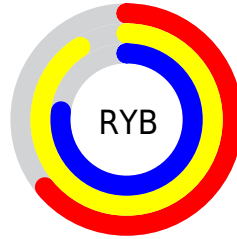
The Hex color **C7E9A2** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **C4A2E9**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFFD9**, and **90B16E** is the 20% darker color. If you saturate the color by 10%, you get **BCE98B**, and if you desaturate by 10%, it is **D2E9B9**.

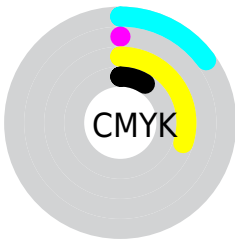
# Distribution



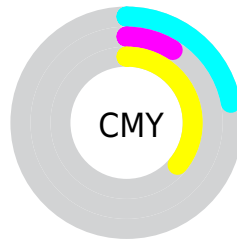
- Red (78%)
- Green (91%)
- Blue (64%)



- Red (64%)
- Yellow (91%)
- Blue (77%)



- Cyan (15%)
- Magenta (0%)
- Yellow (30%)
- Black (9%)



- Cyan (22%)
- Magenta (9%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7E9A2 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 C7E9A2 by changing the saturation by 10% instead.



 C7E9A2

 C7E9A2

FFFFFF

 ABCD87

 FFFFD9

 90B16E

 FFFFF6

 769655

 5C7C3D

 446325

 2C4B0E

 163400

 002000

 000000

 C7E9A2

 C7E9A2

 BCE98B

 D2E9B9

 B1E973

 DDE9D1

 A6E95C

 E8E9E8

 9AE945

 F4E9FF

 8FE92D

 FFE9FF

 84E916

 79E900

# Harmonies

## Analogous

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



EFDE94



C7E9A2



9BF0C0

# Triad

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



C7E9A2



83EAFF



FFC2D7

# Complementary

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



C7E9A2



C4A2E9

# Split Complementary

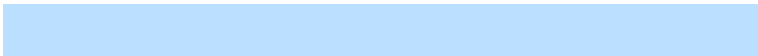
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC6FC



C7E9A2



BADFFF

# Square

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



C7E9A2



63F0FF



EED1FF



FFC7B4

# Rectangle

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



C7E9A2



7FF2D9



EED1FF



FFC3E3



# Sweetspot

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



C7E9A2



F4FFE8



E9C3A2



798071



000000



808080

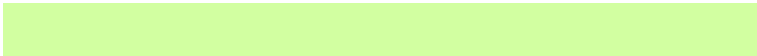


# Same Dimension

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



C7E9A2



D2FFA1



A4E9A2



70756A



5EB500



1C3600



# Inverse Universe

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



C4A2E9



CEA1FF



E7A2E9



6F6A75



5700B5



1A0036



# Previews

## White Background



This preview shows how the Hex color C7E9A2 looks on a white background.

## Color Contrast Check

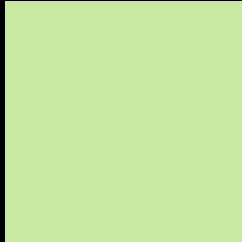
Large Text (above 18pt) WCAG AA × Fail

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 C7E9A2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

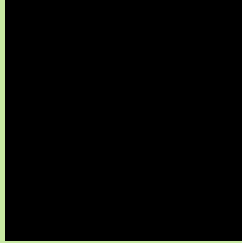
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C7E9A2 Background



This preview shows how black text looks on a background with the Hex color C7E9A2.

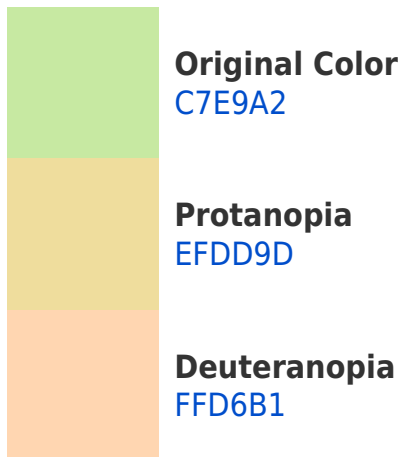


This preview shows how white text looks on a background with the Hex color C7E9A2.

# 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](#).

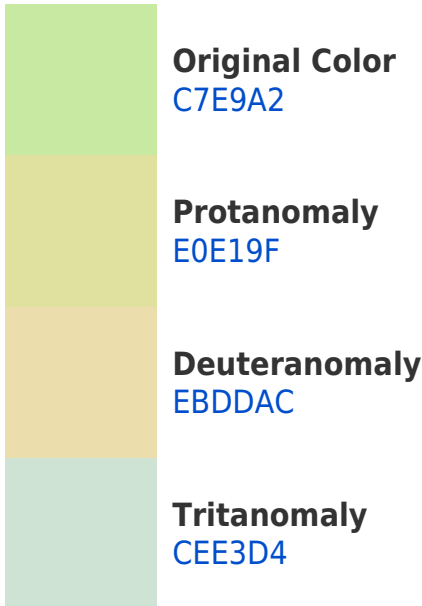
## Dichromacy



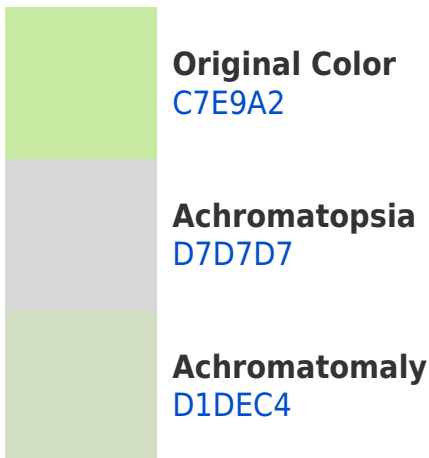


**Tritanopia**  
D2DFF1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7E9A2 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 #C7E9A2 looks like.

```
.text, #text, p{  
    color:#C7E9A2  
}
```

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 #C7E9A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7E9A2
}
```

## Border

The CSS property to change the border of an element to Hex C7E9A2 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
#C7E9A2 }
```

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

```
.border{ border-color:#C7E9A2 }
```

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

Here you see how a box with a 4 pixel #C7E9A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7E9A2; -webkit-box-shadow:4px 4px  
4px 4px #C7E9A2; box-shadow:4px 4px 4px  
4px #C7E9A2 }
```

# Background

The CSS property to change the background color of an element to Hex C7E9A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7E9A2 }
```

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

```
.background{ background-color:#C7E9A2 }
```

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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