

# Converting Colors

Hex(C9E6A2)

Have a look what the booklet for  
Hex(C9E6A2) contains.

<b>Hex(C9E6A2)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(C9E6A2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C9E6A2
RGB	201, 230, 162
RGB Percent	79%, 90%, 64%
CMY	0.2118, 0.0980, 0.3647
CMYK	0.13, 0.00, 0.30, 0.10
HSL	86°, 58%, 77%
HSV	86°, 30%, 90%
XYZ	58.9058, 71.6198, 44.9018
YIQ	213.5770, 4.5440, -27.2960

# Conversions

## Conversions Part 2

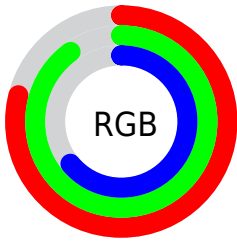
<b>Format</b>	<b>Color</b>
<b>RYB</b>	162, 230, 191
Decimal	13231778
CIELab	87.79, -21.06, 30.07
CIELCh	88, 36.712, 124.997
Yxy	71.6198, 0.3358, 0.4083
Android (android.graphics.Color)	4291421858 (0xFFC9E6A2)
YUV	213.5770, -25.4275, -11.0300
Hunter-Lab	84.6285, -23.8546, 27.7821

# Details

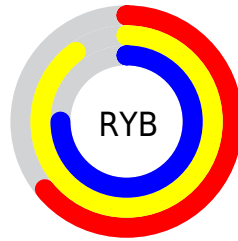
The Hex color **C9E6A2** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **BFA2E6**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFFD9**, and **92AE6E** is the 20% darker color. If you saturate the color by 10%, you get **BF68B**, and if you desaturate by 10%, it is **D3E6B9**.

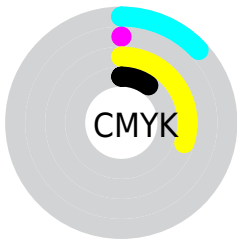
# Distribution



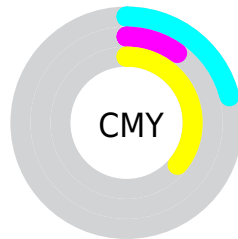
- Red (79%)
- Green (90%)
- Blue (64%)



- Red (64%)
- Yellow (90%)
- Blue (75%)



- Cyan (13%)
- Magenta (0%)
- Yellow (30%)
- Black (10%)



- Cyan (21%)
- Magenta (10%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C9E6A2 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 C9E6A2 by changing the saturation by 10% instead.



 C9E6A2

 C9E6A2

FFFFFF

 ADCA87

 FFFFD9

 92AE6E

 FFFFF6

 789455

 5E7A3D

 466126

 2E490E

 193200

 001E00

 000000

 C9E6A2

 C9E6A2

 BFE68B

 D3E6B9

 B5E674

 DDE6D0

 ACE65D

 E6E6E7

 A2E646

 F0E6FE

 98E62F

 FAE6FF

 8EE618

 FFE6FF

 84E601

 84E600

# Harmonies

## Analogous

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



EFDC96



C9E6A2



A0EDBD

# Triad

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



C9E6A2



85E8FF



FFC2D7

# Complementary

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



C9E6A2



BFA2E6

# Split Complementary

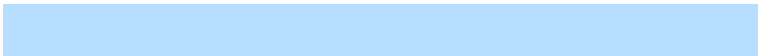
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC6FA



C9E6A2



B7DDFF

# Square

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



C9E6A2



6BEEFF



E9D1FF



FFC6B6

# Rectangle

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



C9E6A2



86EFD5



E9D1FF



FFC3E3



# Sweetspot

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



C9E6A2



F5FFE8



E6BEA2



7A8071



000000



808080

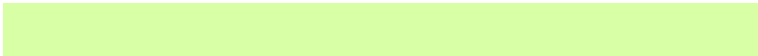


# Same Dimension

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



C9E6A2



D9FFA6



A8E6A2



6E7367



66B300



1D3300



# Inverse Universe

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



BFA2E6



CCA6FF



E0A2E6



6C6773



4C00B3

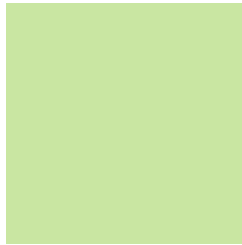


160033



# Previews

## White Background



This preview shows how the Hex color C9E6A2 looks on a white background.

## Color Contrast Check

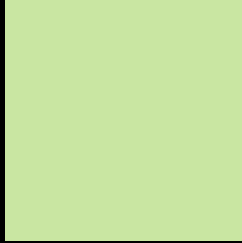
Large Text (above 18pt) WCAG AA × Fail

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 C9E6A2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

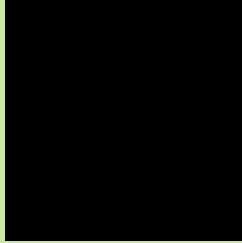
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C9E6A2 Background



This preview shows how black text looks on a background with the Hex color C9E6A2.

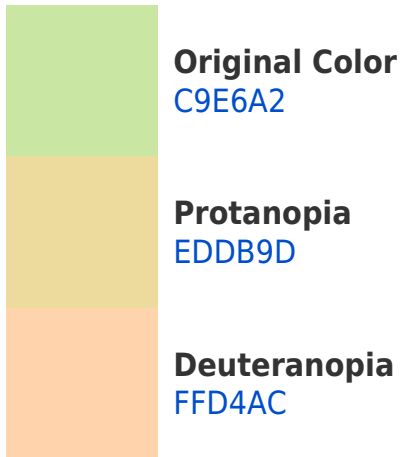


This preview shows how white text looks on a background with the Hex color C9E6A2.

# 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



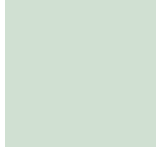
**Original Color**  
C9E6A2



**Protanomaly**  
E0DF9F

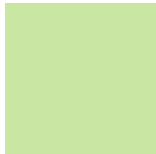


**Deuteranomaly**  
EBDBA8

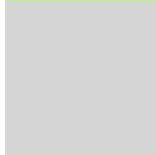


**Tritanomaly**  
D0E0D2

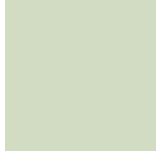
# Monochromacy



**Original Color**  
C9E6A2



**Achromatopsia**  
D6D6D6



**Achromatomaly**  
D1DCC3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C9E6A2 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 #C9E6A2 looks like.

```
.text, #text, p{  
    color:#C9E6A2  
}
```

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 #C9E6A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9E6A2
}
```

## Border

The CSS property to change the border of an element to Hex C9E6A2 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
#C9E6A2 }
```

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

```
.border{ border-color:#C9E6A2 }
```

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

Here you see how a box with a 4 pixel #C9E6A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9E6A2; -webkit-box-shadow:4px 4px  
4px 4px #C9E6A2; box-shadow:4px 4px 4px  
4px #C9E6A2 }
```

# Background

The CSS property to change the background color of an element to Hex C9E6A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9E6A2 }
```

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

```
.background{ background-color:#C9E6A2 }
```

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