

# Converting Colors

Hex(C9F6A5)

Have a look what the booklet for  
Hex(C9F6A5) contains.

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# **Color**

**Hex(C9F6A5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C9F6A5
RGB	201, 246, 165
RGB Percent	79%, 96%, 65%
CMY	0.2118, 0.0353, 0.3529
CMYK	0.18, 0.00, 0.33, 0.04
HSL	93°, 82%, 81%
HSV	93°, 33%, 96%
XYZ	63.8347, 81.0457, 47.8762
YIQ	223.3110, -0.8190, -34.7310

# Conversions

## Conversions Part 2

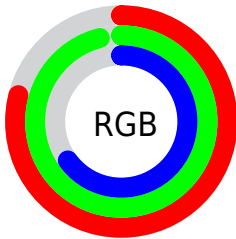
Format	Color
<a href="#">RYB</a>	<a href="#">165, 246, 210</a>
Decimal	<a href="#">13235877</a>
CIELab	<a href="#">92.15, -28.30, 34.39</a>
CIELCh	<a href="#">92, 44.536, 129.460</a>
Yxy	<a href="#">81.0457, 0.3312, 0.4205</a>
Android (android.graphics.Color)	<a href="#">4291425957</a> ( <a href="#">0xFFC9F6A5</a> )
YUV	<a href="#">223.3110, -28.7473, -19.5667</a>
Hunter-Lab	<a href="#">90.0254, -30.9746, 31.4868</a>

# Details

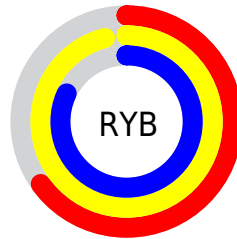
The Hex color **C9F6A5** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **D2A5F6**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFFDD**, and **92BE70** is the 20% darker color. If you saturate the color by 10%, you get **BBF68C**, and if you desaturate by 10%, it is **D7F6BE**.

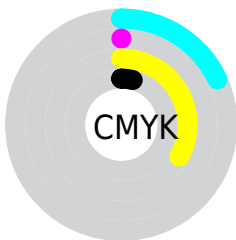
# Distribution



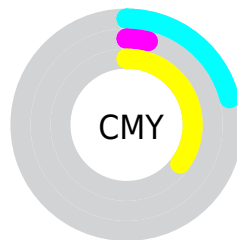
- Red (79%)
- Green (96%)
- Blue (65%)



- Red (65%)
- Yellow (96%)
- Blue (82%)



- Cyan (18%)
- Magenta (0%)
- Yellow (33%)
- Black (4%)



- Cyan (21%)
- Magenta (4%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C9F6A5 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 C9F6A5 by changing the saturation by 10% instead.



 C9F6A5

FFFFFF

 FFFFDD

 FFFFF9

 C9F6A5

 ADD98A

 92BE70

 77A257

 5D883F

 446E27

 2B560E

 123E00

 002800

 000E00

 C9F6A5

 C9F6A5

 BBF68C

 D7F6BE

 AEF674

 E4F6D6

 A0F65B

 F2F6EF

 92F643

 FFF6FF

 85F62A

 77F611

 6DF600

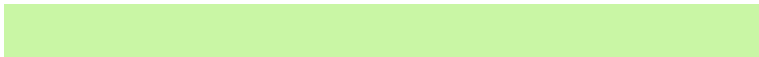
# Harmonies

## Analogous

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



F8EA93



C9F6A5



95FDC9

# Triad

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



C9F6A5



7CF5FF



FFC8DC

# Complementary

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



C9F6A5



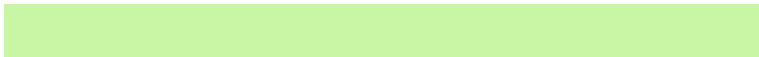
D2A5F6

# Split Complementary

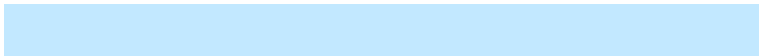
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFCCFF



C9F6A5



C2E8FF

# Square

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



C9F6A5



48FDFD



FFD9FF



FFCEB4

# Rectangle

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



C9F6A5



71FFE6



FFD9FF

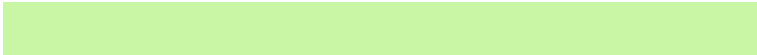


FFC8EB



# Sweetspot

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



C9F6A5



F1FFE6



F6D2A5



778070



000000



808080

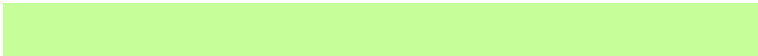


# Same Dimension

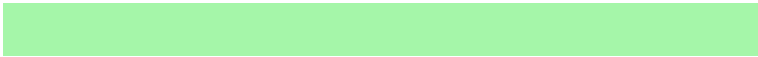
The Same Dimension uses a secret algorithm to generate beautiful new colors.



C9F6A5



C6FF99



A5F6A9



747A6E



53BA00



1A3B00



# Inverse Universe

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



D2A5F6



D299FF



F6A5F2



756E7A



6700BA

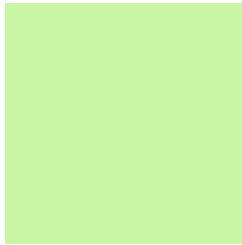


21003B



# Previews

## White Background



This preview shows how the Hex color C9F6A5 looks on a white background.

## Color Contrast Check

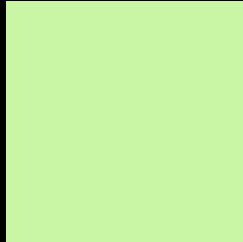
Large Text (above 18pt) WCAG AA × Fail

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 C9F6A5 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

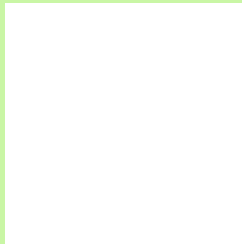
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C9F6A5 Background



This preview shows how black text looks on a background with the Hex color C9F6A5.

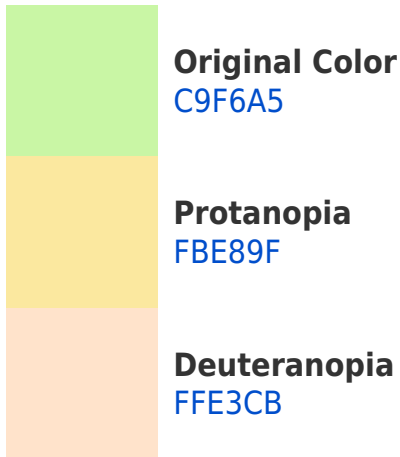


This preview shows how white text looks on a background with the Hex color C9F6A5.

# 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



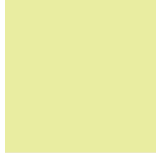


**Tritanopia**  
D6EBFE

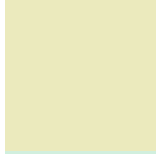
# Trichromacy



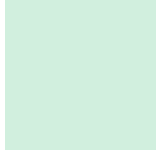
**Original Color**  
C9F6A5



**Protanomaly**  
E9EDA1



**Deuteranomaly**  
EBEABD

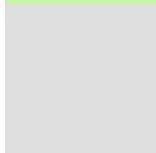


**Tritanomaly**  
D1EFDE

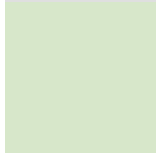
# Monochromacy



**Original Color**  
C9F6A5



**Achromatopsia**  
DFDFDF



**Achromatomaly**  
D7E7CA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C9F6A5 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 #C9F6A5 looks like.

```
.text, #text, p{  
    color:#C9F6A5  
}
```

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 #C9F6A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9F6A5
}
```

## Border

The CSS property to change the border of an element to Hex C9F6A5 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
#C9F6A5 }
```

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

```
.border{ border-color:#C9F6A5 }
```

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

Here you see how a box with a 4 pixel #C9F6A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9F6A5; -webkit-box-shadow:4px 4px  
4px 4px #C9F6A5; box-shadow:4px 4px 4px  
4px #C9F6A5 }
```

# Background

The CSS property to change the background color of an element to Hex C9F6A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9F6A5 }
```

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

```
.background{ background-color:#C9F6A5 }
```

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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