

# Converting Colors

Hex(9CC085)

Have a look what the booklet for  
Hex(9CC085) contains.

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**Color**

**Hex(9CC085)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CC085
RGB	156, 192, 133
RGB Percent	61%, 75%, 52%
CMY	0.3882, 0.2471, 0.4784
CMYK	0.19, 0.00, 0.31, 0.25
HSL	97°, 32%, 64%
HSV	97°, 31%, 75%
XYZ	36.7936, 46.4606, 29.2189
YIQ	174.5100, -2.5170, -25.9810

# Conversions

## Conversions Part 2

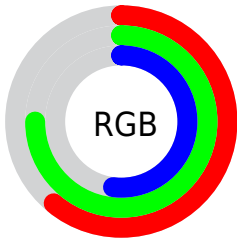
<b>Format</b>	<b>Color</b>
<b>RYB</b>	133, 192, 169
Decimal	10272901
CIELab	73.84, -22.85, 25.90
CIELCh	74, 34.541, 131.425
Yxy	46.4606, 0.3271, 0.4131
Android (android.graphics.Color)	4288462981 (0xFF9CC085)
YUV	174.5100, -20.4644, -16.2333
Hunter-Lab	68.1620, -22.9301, 22.2977

# Details

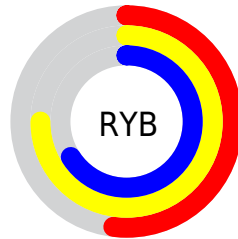
The Hex color **9CC085** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **A985C0**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **D3F9BB**, and **688A53** is the 20% darker color. If you saturate the color by 10%, you get **90C072**, and if you desaturate by 10%, it is **A8C098**.

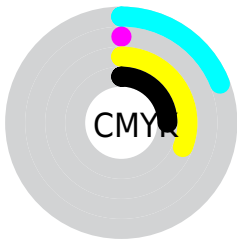
# Distribution



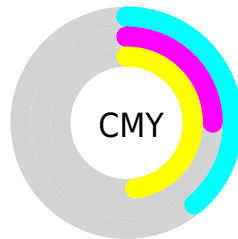
- Red (61%)
- Green (75%)
- Blue (52%)



- Red (52%)
- Yellow (75%)
- Blue (66%)



- Cyan (19%)
- Magenta (0%)
- Yellow (31%)
- Black (25%)



- Cyan (39%)
- Magenta (25%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9CC085 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 9CC085 by changing the saturation by 10% instead.





9CC085



9CC085

FFFFFF



81A56B



D3F9BB



688A53



F0FFD6



4F713B



FFFFF3



375824



1F410E



0A2A00



001600



000000



9CC085



9CC085

 90C072

 A8C098

 85C05F

 B3C0AB

 79C04B

 BFC0BF

 6DC038

 CBC0D2

 61C025

 D7C0E5

 56C012

 E2C0F8

 4BC000

 EEC0FF

 FAC0FF

 FFC0FF

# Harmonies

## Analogous

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



BFB777



9CC085



76C5A0

# Triad

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



9CC085



6CBEF1



F49EAA

# Complementary

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



9CC085



A985C0

# 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.



E7A0CA



9CC085



9DB4F3

# Square

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



9CC085



49C5DE



C9A9E5



F0A38D

# Rectangle

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



9CC085



5EC7B6



C9A9E5



F29DB5



# Sweetspot

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



9CC085



ECFAE3



C0A885



757D6F



FCFCFC



7D7D7D

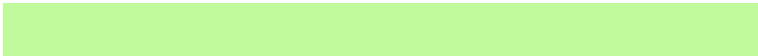


# Same Dimension

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



9CC085



C1FA9D



85C08B



5B6157



3FA100



0D2100



# Inverse Universe

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



A985C0



D69DFA



C085BA



5D5761



6200A1



140021



# Previews

## White Background



This preview shows how the Hex color 9CC085 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 9CC085 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

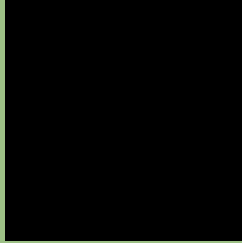
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9CC085 Background



This preview shows how black text looks on a background with the Hex color 9CC085.

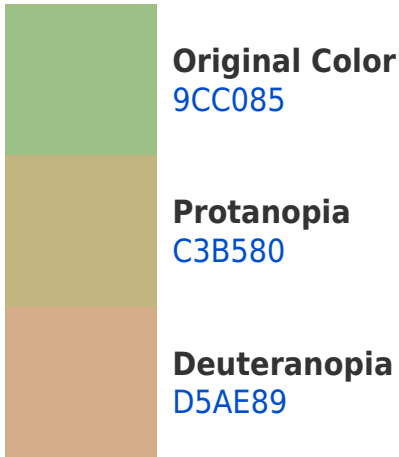


This preview shows how white text looks on a background with the Hex color 9CC085.

# 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](#).

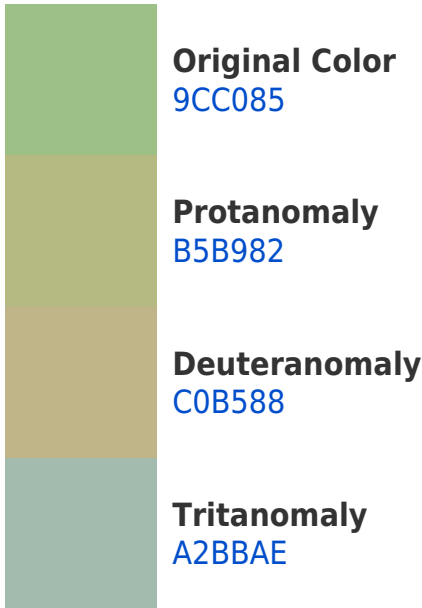
## Dichromacy



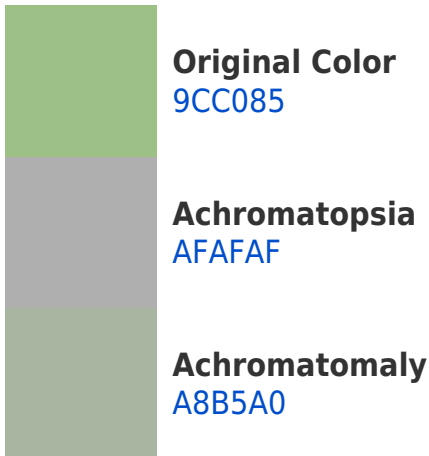


**Tritanopia**  
A6B8C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9CC085 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 #9CC085 looks like.

```
.text, #text, p{  
    color:#9CC085  
}
```

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 #9CC085 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CC085
}
```

## Border

The CSS property to change the border of an element to Hex 9CC085 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
#9CC085 }
```

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

```
.border{ border-color:#9CC085 }
```

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

Here you see how a box with a 4 pixel #9CC085 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CC085; -webkit-box-shadow:4px 4px  
4px 4px #9CC085; box-shadow:4px 4px 4px  
4px #9CC085 }
```

# Background

The CSS property to change the background color of an element to Hex 9CC085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CC085 }
```

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

```
.background{ background-color:#9CC085 }
```

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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