

# Converting Colors

Hex(99CB7B)

Have a look what the booklet for  
Hex(99CB7B) contains.

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# **Color**

**Hex(99CB7B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99CB7B
RGB	153, 203, 123
RGB Percent	60%, 80%, 48%
CMY	0.4000, 0.2039, 0.5176
CMYK	0.25, 0.00, 0.39, 0.20
HSL	98°, 43%, 64%
HSV	98°, 39%, 80%
XYZ	38.0680, 50.9142, 26.5599
YIQ	178.9300, -4.1200, -35.4800

# Conversions

## Conversions Part 2

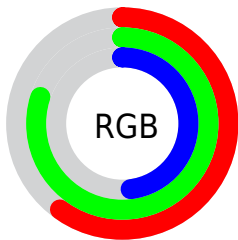
<b>Format</b>	<b>Color</b>
<b>RYB</b>	123, 203, 173
Decimal	10079099
CIELab	76.63, -30.69, 34.74
CIElCh	77, 46.354, 131.462
Yxy	50.9142, 0.3295, 0.4407
Android (android.graphics.Color)	4288269179 (0xFF99CB7B)
YUV	178.9300, -27.5735, -22.7406
Hunter-Lab	71.3542, -29.6389, 27.8786

# Details

The Hex color **99CB7B** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **AD7BCB**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **D1FFB0**, and **649549** is the 20% darker color. If you saturate the color by 10%, you get **8CCB67**, and if you desaturate by 10%, it is **A6CB8F**.

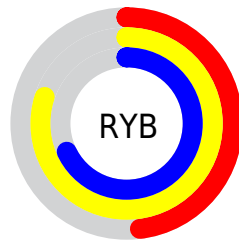
# Distribution



Red (60%)

Green (80%)

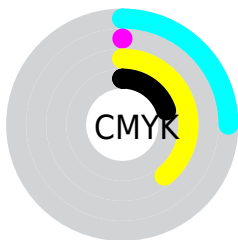
Blue (48%)



Red (48%)

Yellow (80%)

Blue (68%)

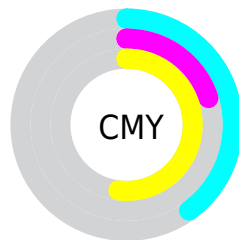


Cyan (25%)

Magenta (0%)

Yellow (39%)

Black (20%)



Cyan (40%)

Magenta (20%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99CB7B 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 99CB7B by changing the saturation by 10% instead.



 99CB7B

 99CB7B

FFFFFF

 7EAF61


 D1FFB0

 649549

 EDFFC

 4A7B31

 FFFFE9

 316118

 164900

 003200

 001F00

 000000

 99CB7B

 99CB7B

 8CCB67

 A6CB8F

 80CB52

 B2CBA4

 73CB3E

 BFCBB8

 66CB2A

 CCCBCC

 5ACB16

 D8CBE1

 4DCB01

 E5CBF5

 4CCB00

 F2CBFF

 FFCBFF

# Harmonies

## Analogous

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



C8C067



99CB7B



60D2A0

# Triad

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



99CB7B



3CC9FF



FF9BAE

# Complementary

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



99CB7B



AD7BCB

# 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.



FF9ED9



99CB7B



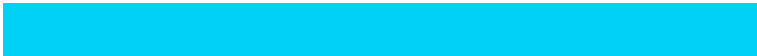
97BCFF

# Square

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



99CB7B



00D1F5



D7ACFE



FFA386

# Rectangle

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



99CB7B



24D3BE



D7ACFE



FF9BBB



# Sweetspot

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



99CB7B



ECFFE0



CBAC7B



74806E



000000



808080

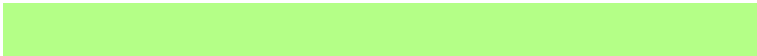


# Same Dimension

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



99CB7B



B4FF87



7BCB84



60665C



3EA600



0E2600



# Inverse Universe

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



AD7BCB



D287FF



CB7BC2



625C66



6800A6



180026



# Previews

## White Background



This preview shows how the Hex color 99CB7B 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 99CB7B looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

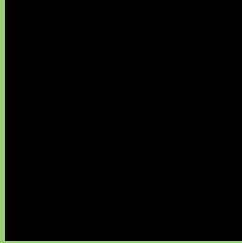
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 99CB7B Background



This preview shows how black text looks on a background with the Hex color 99CB7B.

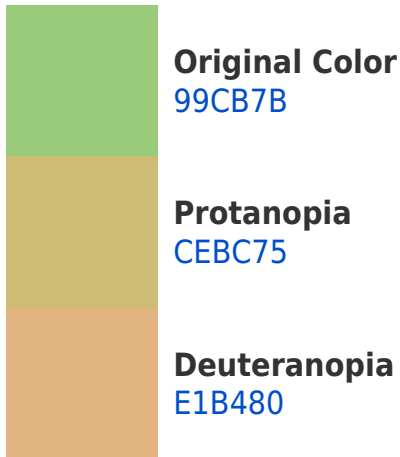


This preview shows how white text looks on a background with the Hex color 99CB7B.

# 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



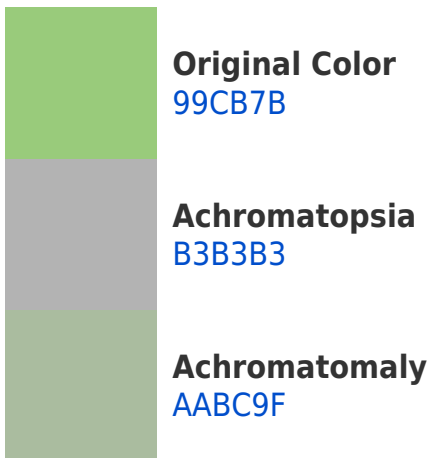


**Tritanopia**  
A6C1D0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99CB7B 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 #99CB7B looks like.

```
.text, #text, p{  
    color:#99CB7B  
}
```

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 #99CB7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99CB7B
}
```

## Border

The CSS property to change the border of an element to Hex 99CB7B 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
#99CB7B }
```

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

```
.border{ border-color:#99CB7B }
```

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

Here you see how a box with a 4 pixel #99CB7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99CB7B; -webkit-box-shadow:4px 4px  
4px 4px #99CB7B; box-shadow:4px 4px 4px  
4px #99CB7B }
```

# Background

The CSS property to change the background color of an element to Hex 99CB7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99CB7B }
```

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

```
.background{ background-color:#99CB7B }
```

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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