

# Converting Colors

Hex(99E6B3)

Have a look what the booklet for  
Hex(99E6B3) contains.

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# **Color**

**Hex(99E6B3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99E6B3
RGB	153, 230, 179
RGB Percent	60%, 90%, 70%
CMY	0.4000, 0.0980, 0.2980
CMYK	0.33, 0.00, 0.22, 0.10
HSL	140°, 61%, 75%
HSV	140°, 33%, 90%
XYZ	49.5704, 66.6206, 52.8943
YIQ	201.1630, -29.5210, -32.1850

# Conversions

## Conversions Part 2

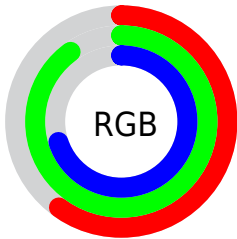
<b>Format</b>	<b>Color</b>
<b>RYB</b>	153, 211, 230
Decimal	10086067
CIELab	85.31, -34.22, 17.45
CIELCh	85, 38.416, 152.977
Yxy	66.6206, 0.2932, 0.3940
Android (android.graphics.Color)	4288276147 (0xFF99E6B3)
YUV	201.1630, -10.9264, -42.2390
Hunter-Lab	81.6214, -34.4308, 18.7125

# Details

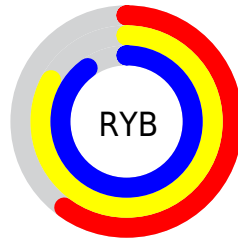
The Hex color **99E6B3** is a light color, and the websafe version is hex **99FFCC**, and the color name is **teal deer**. A complement of this color would be **E699CC**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **D1FFEB**, and **63AE7E** is the 20% darker color. If you saturate the color by 10%, you get **82E6A4**, and if you desaturate by 10%, it is **B0E6C2**.

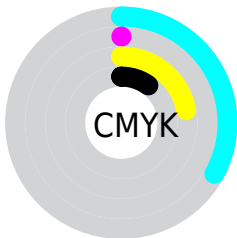
# Distribution



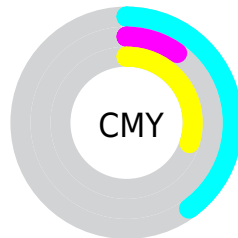
- Red (60%)
- Green (90%)
- Blue (70%)



- Red (60%)
- Yellow (83%)
- Blue (90%)



- Cyan (33%)
- Magenta (0%)
- Yellow (22%)
- Black (10%)



- Cyan (40%)
- Magenta (10%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99E6B3 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 99E6B3 by changing the saturation by 10% instead.



 99E6B3

 99E6B3

FFFFFF

 7ECA98

 D1FFEB

 63AE7E

 EEEFFF

 489365

 2D794D

 0C6036

 004720

 00300A

 001B00

 000000

 99E6B3

 99E6B3

 82E6A4

 B0E6C2

 6BE695

 C7E6D1

 54E685

 DEE6E1

 3DE676

 F5E6F0

 26E667

 FFE6FF

 0FE658

 00E64E

# Harmonies

## Analogous

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



C4DF97



99E6B3



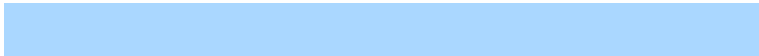
6FE9D8

# Triad

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



99E6B3



AAD7FF



FFBDAF

# Complementary

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



99E6B3



E699CC

# 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.



FFBAD3



99E6B3



DFCAFF

# Square

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



99E6B3



73E2FF



FFBFF7



FFC895

# Rectangle

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



99E6B3



5BE9F0



FFBFF7



FFBBBB

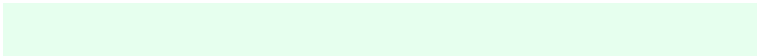


# Sweetspot

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



99E6B3



E6FFEE



CCE699



708075



000000



808080

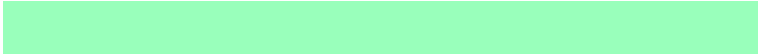


# Same Dimension

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



99E6B3



99FFBB



99E6D9



67736B



00B33C



003311



# Inverse Universe

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



E699CC



FF99DD



E699A6



73676F



B30076

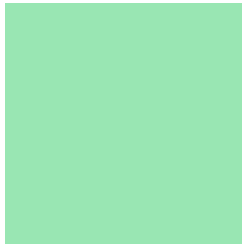


330022



# Previews

## White Background



This preview shows how the Hex color 99E6B3 looks on a white background.

## Color Contrast Check

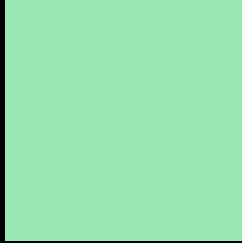
Large Text (above 18pt) WCAG AA × Fail

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 99E6B3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

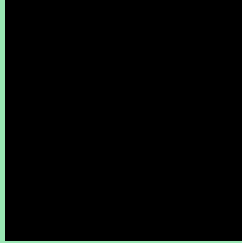
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 99E6B3 Background



This preview shows how black text looks on a background with the Hex color 99E6B3.

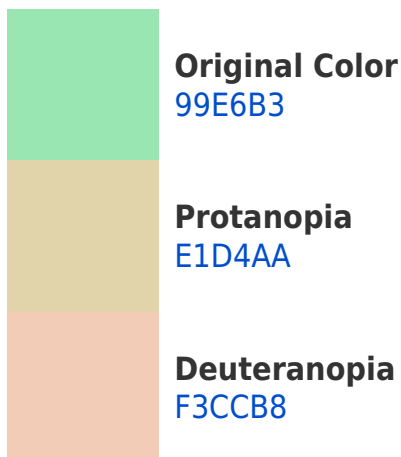


This preview shows how white text looks on a background with the Hex color 99E6B3.

# 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



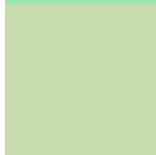


**Tritanopia**  
A5DEF0

# Trichromacy



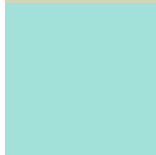
**Original Color**  
99E6B3



**Protanomaly**  
C7DBAD



**Deuteranomaly**  
D2D5B6



**Tritanomaly**  
A1E1DA

# Monochromacy



**Original Color**  
99E6B3



**Achromatopsia**  
C9C9C9



**Achromatomaly**  
B8D4C1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99E6B3 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 #99E6B3 looks like.

```
.text, #text, p{  
    color:#99E6B3  
}
```

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 #99E6B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99E6B3
}
```

## Border

The CSS property to change the border of an element to Hex 99E6B3 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
#99E6B3 }
```

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

```
.border{ border-color:#99E6B3 }
```

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

Here you see how a box with a 4 pixel #99E6B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99E6B3; -webkit-box-shadow:4px 4px  
4px 4px #99E6B3; box-shadow:4px 4px 4px  
4px #99E6B3 }
```

# Background

The CSS property to change the background color of an element to Hex 99E6B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99E6B3 }
```

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

```
.background{ background-color:#99E6B3 }
```

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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