

Converting Colors

Hex(99E9A6)

Have a look what the booklet for
Hex(99E9A6) contains.

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Color

Hex(99E9A6)

Conversions

Conversions Part 1

Format	Color
Hex	99E9A6
RGB	153, 233, 166
RGB Percent	60%, 91%, 65%
CMY	0.4000, 0.0863, 0.3490
CMYK	0.34, 0.00, 0.29, 0.09
HSL	130°, 65%, 76%
HSV	130°, 34%, 91%
XYZ	49.1587, 67.8033, 46.5728
YIQ	201.4420, -26.1730, -37.7970

Conversions

Conversions Part 2

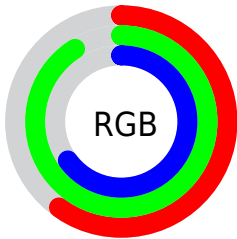
Format	Color
RYB	153, 222, 233
Decimal	10086822
CIELab	85.91, -37.91, 25.01
CIElCh	86, 45.416, 146.582
Yxy	67.8033, 0.3006, 0.4146
Android (android.graphics.Color)	4288276902 (0xFF99E9A6)
YUV	201.4420, -17.4729, -42.4836
Hunter-Lab	82.3428, -37.5351, 24.1057

Details

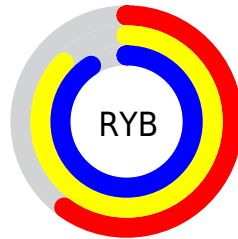
The Hex color **99E9A6** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E999DC**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **D1FFDD**, and **63B172** is the 20% darker color. If you saturate the color by 10%, you get **82E992**, and if you desaturate by 10%, it is **B0E9BA**.

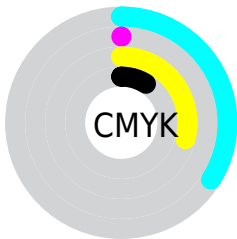
Distribution



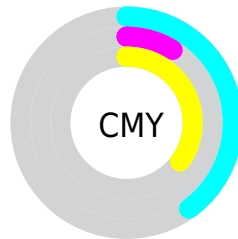
- Red (60%)
- Green (91%)
- Blue (65%)



- Red (60%)
- Yellow (87%)
- Blue (91%)



- Cyan (34%)
- Magenta (0%)
- Yellow (29%)
- Black (9%)



- Cyan (40%)
- Magenta (9%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99E9A6 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 99E9A6 by changing the saturation by 10% instead.

 99E9A6

 99E9A6

FFFFFF

 7ECD8B

 D1FFDD

 63B172

 EEFFFA

 489659

 2C7C41

 07622A

 004A14

 003200

 001D00

 000000

 99E9A6

 99E9A6

 82E992

 B0E9BA

 6AE97F

 C8E9CD

 53E96B

 DFE9E1

 3CE958

 F6E9F4

 25E944

 FFE9FF

 0DE931

 00E926

Harmonies

Analogous

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



CCE088



99E9A6



5EEDD0

Triad

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



99E9A6



8FDDFF



FFB8B3

Complementary

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



99E9A6



E999DC

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.



FFB6DE



99E9A6



D5CEFF

Square

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



99E9A6



3EE8FF



FFBEFF



FFC490

Rectangle

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



99E9A6



30EEEE



FFBEFF



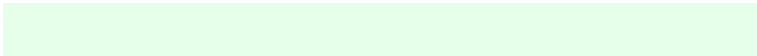
FFB6C0

Sweetspot

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



99E9A6



E6FFEA



DDE999



708073



000000



808080

Same Dimension

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



99E9A6



96FFA7



99E9CD



6A756B



00B51D



003609

Inverse Universe

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



E999DC



FF96EE



E999B5



756A73



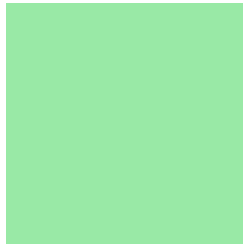
B50098



36002D

Previews

White Background



This preview shows how the Hex color 99E9A6 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 99E9A6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

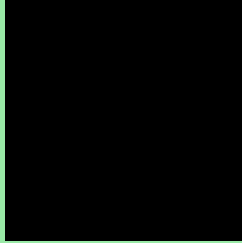
Any Text WCAG AA ✓ Pass

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 99E9A6 Background



This preview shows how black text looks on a background with the Hex color 99E9A6.

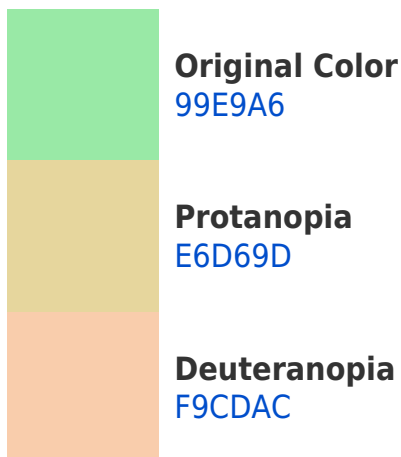


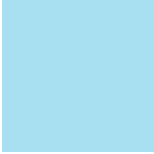
This preview shows how white text looks on a background with the Hex color 99E9A6.

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



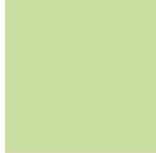


Tritanopia
A8DFF1

Trichromacy



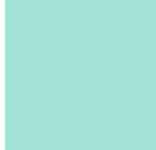
Original Color
99E9A6



Protanomaly
CADDA0



Deuteranomaly
D6D7AA

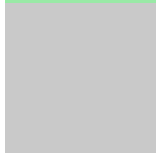


Tritanomaly
A3E3D6

Monochromacy



Original Color
99E9A6



Achromatopsia
C9C9C9



Achromatomaly
B8D5BC

CSS Examples

Text

The CSS property to change the color of the text to Hex 99E9A6 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 #99E9A6 looks like.

```
.text, #text, p{  
    color:#99E9A6  
}
```

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 #99E9A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99E9A6
}
```

Border

The CSS property to change the border of an element to Hex 99E9A6 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
#99E9A6 }
```

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

```
.border{ border-color:#99E9A6 }
```

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

Here you see how a box with a 4 pixel #99E9A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99E9A6; -webkit-box-shadow:4px 4px  
4px 4px #99E9A6; box-shadow:4px 4px 4px  
4px #99E9A6 }
```

Background

The CSS property to change the background color of an element to Hex 99E9A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99E9A6 }
```

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

```
.background{ background-color:#99E9A6 }
```

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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