

Converting Colors

Hex(99E0A8)

Have a look what the booklet for
Hex(99E0A8) contains.

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Color

Hex(99E0A8)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 99E0A8 |
| RGB | 153, 224, 168 |
| RGB Percent | 60%, 88%, 66% |
| CMY | 0.4000, 0.1216, 0.3412 |
| CMYK | 0.32, 0.00, 0.25, 0.12 |
| HSL | 133°, 53%, 74% |
| HSV | 133°, 32%, 88% |
| XYZ | 46.8604, 62.9108, 46.7190 |
| YIQ | 196.3870, -24.3400, -32.4680 |

Conversions

Conversions Part 2

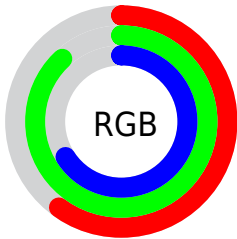
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 153, 212, 224 |
| Decimal | 10084520 |
| CIELab | 83.40, -33.43, 20.52 |
| CIELCh | 83, 39.229, 148.456 |
| Yxy | 62.9108, 0.2994, 0.4020 |
| Android (android.graphics.Color) | 4288274600 (0xFF99E0A8) |
| YUV | 196.3870, -13.9948, -38.0504 |
| Hunter-Lab | 79.3163, -33.3450, 20.5984 |

Details

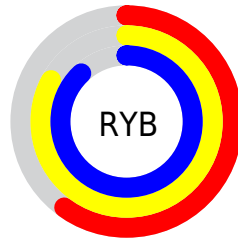
The Hex color **99E0A8** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **E099D1**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **D1FFDF**, and **63A874** is the 20% darker color. If you saturate the color by 10%, you get **83E096**, and if you desaturate by 10%, it is **AFE0BA**.

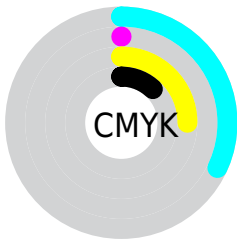
Distribution



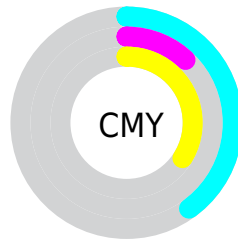
- Red (60%)
- Green (88%)
- Blue (66%)



- Red (60%)
- Yellow (83%)
- Blue (88%)



- Cyan (32%)
- Magenta (0%)
- Yellow (25%)
- Black (12%)



- Cyan (40%)
- Magenta (12%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99E0A8 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 99E0A8 by changing the saturation by 10% instead.

 99E0A8

 99E0A8

FFFFFF

 7EC48D


 D1FFDF

 63A874

 EEFFFC

 498E5B

 2F7443

 115B2C

 004317

 002C00

 001400

 000000

 99E0A8

 99E0A8

 83E096

 AFE0BA

 6CE085

 C6E0CB

 56E073

 DCE0DD

 3FE061

 F3E0EF

 29E050

 FFE0FF

 13E03E

 00E02F

Harmonies

Analogous

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



C4D88E



99E0A8



6CE4CD

Triad

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



99E0A8



9AD4FF



FFB6AE

Complementary

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



99E0A8



E099D1

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.



FFB4D3



99E0A8



D2C7FF

Square

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



99E0A8



62DEFF



FDBBF7



FFC092

Rectangle

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



99E0A8



53E4E6



FDBBF7



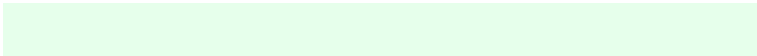
FFB4BA

Sweetspot

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



99E0A8



E6FFEB



D2E099



708073



000000



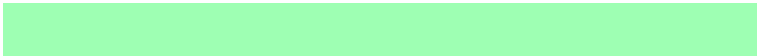
808080

Same Dimension

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



99E0A8



9EFFB3



99E0CB



657067



00B025



00300A

Inverse Universe

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



E099D1



FF9EEB



E099AE



70656E



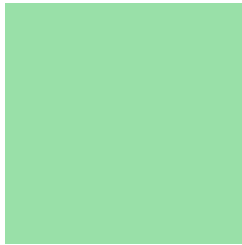
B0008B



300026

Previews

White Background



This preview shows how the Hex color 99E0A8 looks on a white background.

Color Contrast Check

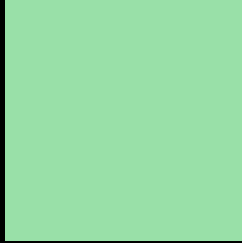
Large Text (above 18pt) WCAG AA × Fail

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 99E0A8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

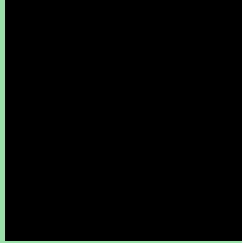
Any Text WCAG AA ✓ Pass

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 99E0A8 Background



This preview shows how black text looks on a background with the Hex color 99E0A8.

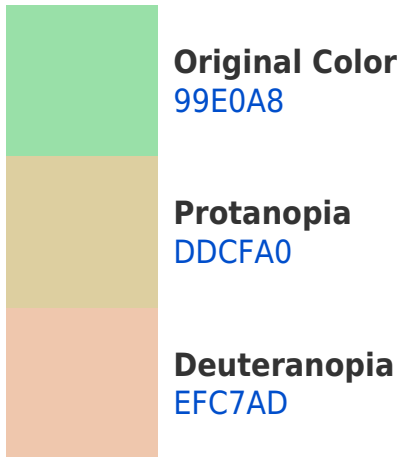


This preview shows how white text looks on a background with the Hex color 99E0A8.

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
A6D7E9

Trichromacy



Original Color
99E0A8



Protanomaly
C4D5A3



Deuteranomaly
D0D0A8



Tritanomaly
A1DAD1

Monochromacy



Original Color
99E0A8



Achromatopsia
C4C4C4



Achromatomaly
B4CEBA

CSS Examples

Text

The CSS property to change the color of the text to Hex 99E0A8 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 #99E0A8 looks like.

```
.text, #text, p{  
    color:#99E0A8  
}
```

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 #99E0A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99E0A8
}
```

Border

The CSS property to change the border of an element to Hex 99E0A8 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
#99E0A8 }
```

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

```
.border{ border-color:#99E0A8 }
```

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

Here you see how a box with a 4 pixel #99E0A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99E0A8; -webkit-box-shadow:4px 4px  
4px 4px #99E0A8; box-shadow:4px 4px 4px  
4px #99E0A8 }
```

Background

The CSS property to change the background color of an element to Hex 99E0A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99E0A8 }
```

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

```
.background{ background-color:#99E0A8 }
```

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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