

Converting Colors

Hex(99E2A1)

Have a look what the booklet for
Hex(99E2A1) contains.

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Color

Hex(99E2A1)

Conversions

Conversions Part 1

Format	Color
Hex	99E2A1
RGB	153, 226, 161
RGB Percent	60%, 89%, 63%
CMY	0.4000, 0.1137, 0.3686
CMYK	0.32, 0.00, 0.29, 0.11
HSL	127°, 56%, 74%
HSV	127°, 32%, 89%
XYZ	46.7662, 63.7382, 43.5561
YIQ	196.7630, -22.6430, -35.6910

Conversions

Conversions Part 2

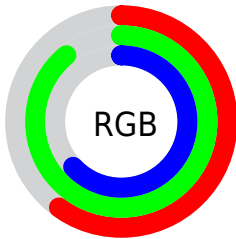
Format	Color
RYB	153, 219, 226
Decimal	10085025
CIELab	83.83, -35.57, 24.75
CIElCh	84, 43.334, 145.162
Yxy	63.7382, 0.3036, 0.4137
Android (android.graphics.Color)	4288275105 (0xFF99E2A1)
YUV	196.7630, -17.6312, -38.3802
Hunter-Lab	79.8362, -35.1521, 23.5386

Details

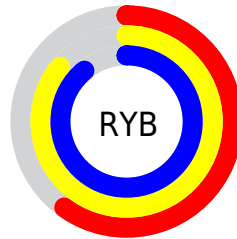
The Hex color **99E2A1** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **E299DA**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **D1FFD8**, and **63AA6D** is the 20% darker color. If you saturate the color by 10%, you get **82E28D**, and if you desaturate by 10%, it is **B0E2B5**.

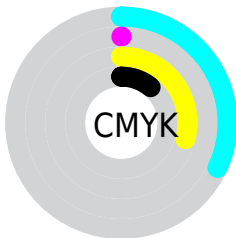
Distribution



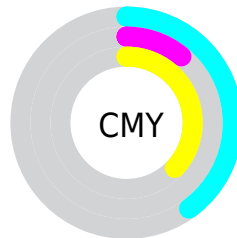
- Red (60%)
- Green (89%)
- Blue (63%)



- Red (60%)
- Yellow (86%)
- Blue (89%)



- Cyan (32%)
- Magenta (0%)
- Yellow (29%)
- Black (11%)



- Cyan (40%)
- Magenta (11%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99E2A1 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 99E2A1 by changing the saturation by 10% instead.

 99E2A1

 99E2A1

FFFFFF

 7EC687

 D1FFD8

 63AA6D

 EEEFF5

 498F54

 2E753D

 0E5C26

 004410

 002D00

 001600

 000000

 99E2A1

 99E2A1

 82E28D

 B0E2B5

 6CE279

 C6E2C9

 55E265


 DDE2DD

 3FE251

 F3E2F1

 28E23C

 FFE2FF

 11E228

 00E219

Harmonies

Analogous

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



C9D986



99E2A1



63E7C9

Triad

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



99E2A1



8BD7FF



FFB3B0

Complementary

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



99E2A1



E299DA

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.



FFB2D9



99E2A1



CCC9FF

Square

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



99E2A1



43E1FF



FEBAFF



FFBE8F

Rectangle

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



99E2A1



3CE7E5



FEBAFF



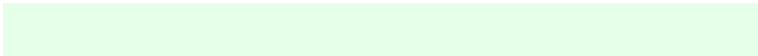
FFB2BE

Sweetspot

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



99E2A1



E6FFE8



DBE299



708072



000000



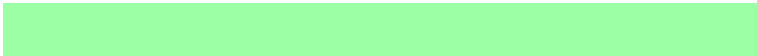
808080

Same Dimension

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



99E2A1



9CFFA6



99E2C5



657066



00B013



003005

Inverse Universe

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



E299DA



FF9CF4



E299B6



70656F



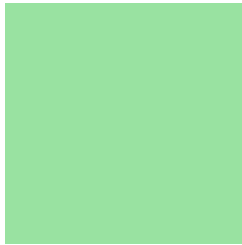
B0009D



30002B

Previews

White Background



This preview shows how the Hex color 99E2A1 looks on a white background.

Color Contrast Check

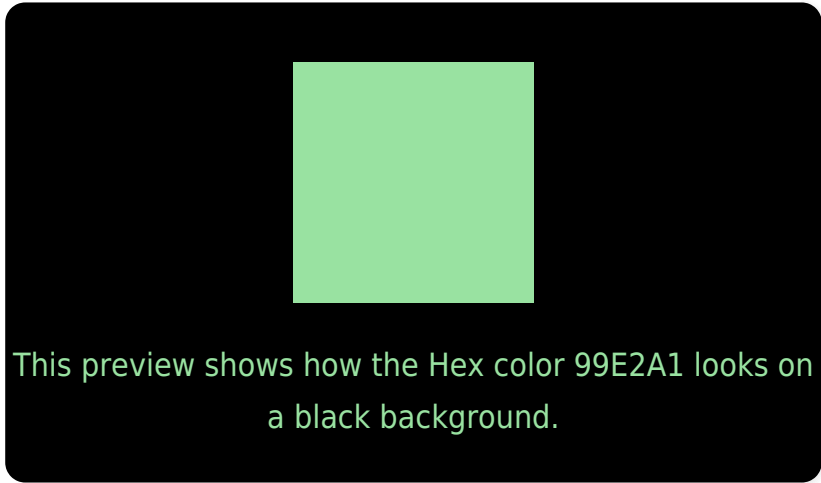
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

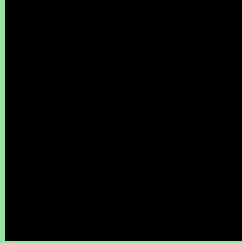
Any Text WCAG AA ✓ Pass

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 99E2A1 Background



This preview shows how black text looks on a background with the Hex color 99E2A1.

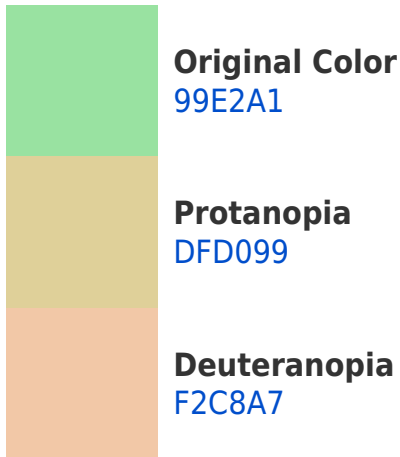


This preview shows how white text looks on a background with the Hex color 99E2A1.

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
A7D9EA

Trichromacy



Original Color
99E2A1



Protanomaly
C6D79C



Deuteranomaly
D2D1A5



Tritanomaly
A2DCCF

Monochromacy



Original Color
99E2A1



Achromatopsia
C5C5C5



Achromatomaly
B5D0B8

CSS Examples

Text

The CSS property to change the color of the text to Hex 99E2A1 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 #99E2A1 looks like.

```
.text, #text, p{  
    color:#99E2A1  
}
```

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 #99E2A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99E2A1
}
```

Border

The CSS property to change the border of an element to Hex 99E2A1 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
#99E2A1 }
```

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

```
.border{ border-color:#99E2A1 }
```

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

Here you see how a box with a 4 pixel #99E2A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99E2A1; -webkit-box-shadow:4px 4px  
4px 4px #99E2A1; box-shadow:4px 4px 4px  
4px #99E2A1 }
```

Background

The CSS property to change the background color of an element to Hex 99E2A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99E2A1 }
```

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

```
.background{ background-color:#99E2A1 }
```

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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