

# Converting Colors

Hex(A9E4A2)

Have a look what the booklet for  
Hex(A9E4A2) contains.

<b>Hex(A9E4A2)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(A9E4A2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A9E4A2
RGB	169, 228, 162
RGB Percent	66%, 89%, 64%
CMY	0.3373, 0.1059, 0.3647
CMYK	0.26, 0.00, 0.29, 0.11
HSL	114°, 55%, 76%
HSV	114°, 29%, 89%
XYZ	50.6272, 66.5305, 44.3557
YIQ	202.8350, -13.9780, -33.0340

# Conversions

## Conversions Part 2

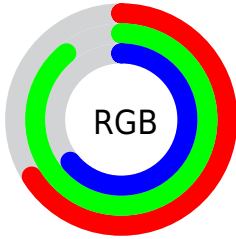
<b>Format</b>	<b>Color</b>
<b>RYB</b>	162, 228, 221
Decimal	11134114
CIELab	85.27, -31.18, 26.34
CIELCh	85, 40.818, 139.818
Yxy	66.5305, 0.3135, 0.4119
Android (android.graphics.Color)	4289324194 (0xFFA9E4A2)
YUV	202.8350, -20.1317, -29.6733
Hunter-Lab	81.5662, -31.9480, 24.8544

# Details

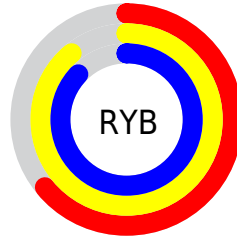
The Hex color **A9E4A2** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DDA2E4**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **E1FFD9**, and **73AC6E** is the 20% darker color. If you saturate the color by 10%, you get **95E48B**, and if you desaturate by 10%, it is **BDE4B9**.

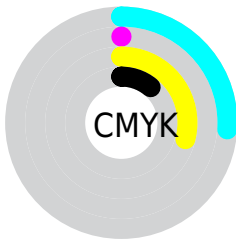
# Distribution



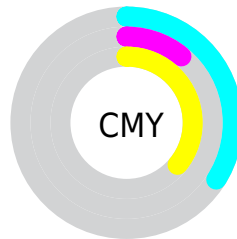
- Red (66%)
- Green (89%)
- Blue (64%)



- Red (64%)
- Yellow (89%)
- Blue (87%)



- Cyan (26%)
- Magenta (0%)
- Yellow (29%)
- Black (11%)



- Cyan (34%)
- Magenta (11%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A9E4A2 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 A9E4A2 by changing the saturation by 10% instead.



 A9E4A2

 A9E4A2

FFFFFF

 8EC888

 E1FFD9

 73AC6E

 FEFFF6

 599155

 40773D

 265E26

 084610

 002F00

 001B00

 000000

 A9E4A2

 A9E4A2

 95E48B

 BDE4B9

 80E474

 D2E4D0

 6CE45E

 E6E4E6

 57E447

 FBE4FD

 43E430

 FFE4FF

 2FE419

 1AE402

 18E400

# Harmonies

## Analogous

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



D5DB8B



A9E4A2



7AE9C6

# Triad

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



A9E4A2



8ADDFE



FFB9BD

# Complementary

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



A9E4A2



DDA2E4

# 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.



FFB9E4



A9E4A2



C7D0FF

# Square

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



A9E4A2



53E6FF



F9C2FF



FFC19C

# Rectangle

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



A9E4A2



5BEAE1



F9C2FF



FFB8CA

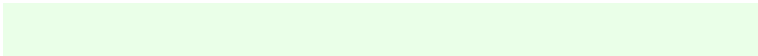


# Sweetspot

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



A9E4A2



EAF FE8



E4DCA2



738071



000000



808080

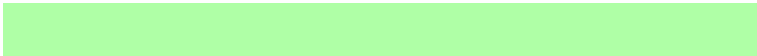


# Same Dimension

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



A9E4A2



AFFFA6



A2E4BB



687367



13B300



053300



# Inverse Universe

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



DDA2E4



F6A6FF



E4A2CB



726773



A000B3

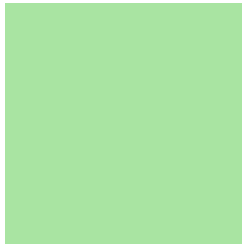


2E0033



# Previews

## White Background



This preview shows how the Hex color A9E4A2 looks on a white background.

## Color Contrast Check

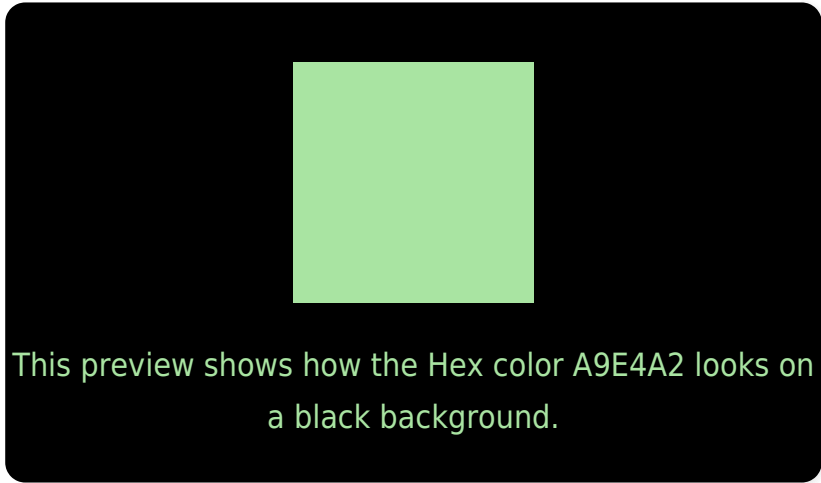
Large Text (above 18pt) WCAG AA × Fail

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

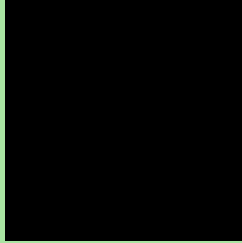
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A9E4A2 Background



This preview shows how black text looks on a background with the Hex color A9E4A2.

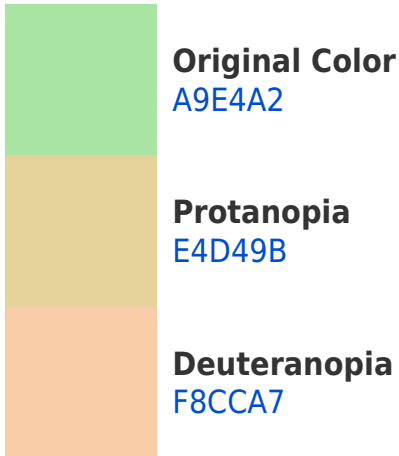


This preview shows how white text looks on a background with the Hex color A9E4A2.

# Color Blindness Simulation

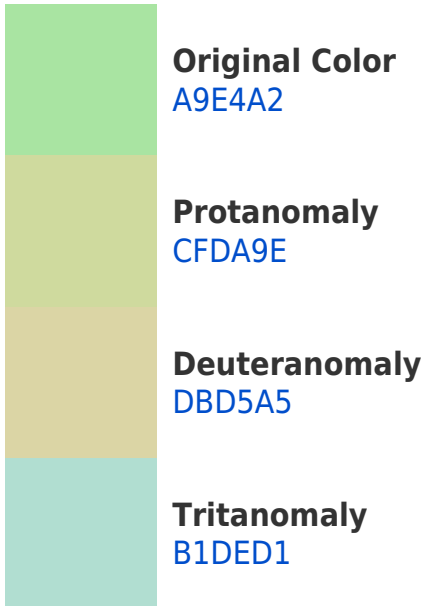
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

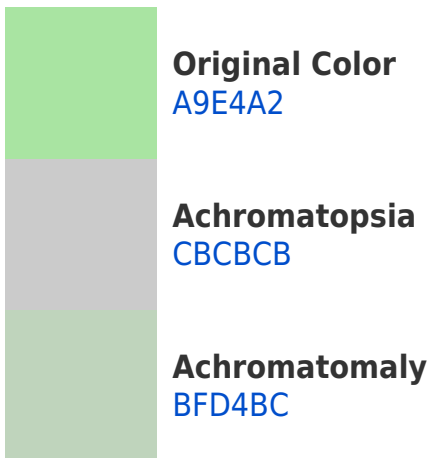




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A9E4A2 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 #A9E4A2 looks like.

```
.text, #text, p{  
    color:#A9E4A2  
}
```

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 #A9E4A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A9E4A2
}
```

## Border

The CSS property to change the border of an element to Hex A9E4A2 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
#A9E4A2 }
```

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

```
.border{ border-color:#A9E4A2 }
```

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

Here you see how a box with a 4 pixel #A9E4A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A9E4A2; -webkit-box-shadow:4px 4px  
4px 4px #A9E4A2; box-shadow:4px 4px 4px  
4px #A9E4A2 }
```

# Background

The CSS property to change the background color of an element to Hex A9E4A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A9E4A2 }
```

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

```
.background{ background-color:#A9E4A2 }
```

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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