

Converting Colors

Hex(9AE4C5)

Have a look what the booklet for
Hex(9AE4C5) contains.

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Color

Hex(9AE4C5)

Conversions

Conversions Part 1

Format	Color
Hex	9AE4C5
RGB	154, 228, 197
RGB Percent	60%, 89%, 77%
CMY	0.3961, 0.1059, 0.2275
CMYK	0.32, 0.00, 0.14, 0.11
HSL	155°, 58%, 75%
HSV	155°, 32%, 89%
XYZ	51.1479, 66.3880, 62.9417
YIQ	202.3400, -34.1530, -25.3290

Conversions

Conversions Part 2

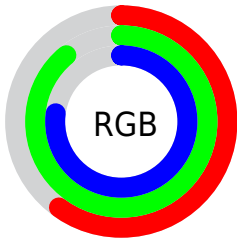
Format	Color
RYB	154, 201, 228
Decimal	10151109
CIELab	85.19, -29.49, 7.87
CIELCh	85, 30.519, 165.063
Yxy	66.3880, 0.2834, 0.3678
Android (android.graphics.Color)	4288341189 (0xFF9AE4C5)
YUV	202.3400, -2.6326, -42.3942
Hunter-Lab	81.4789, -30.5357, 11.2342

Details

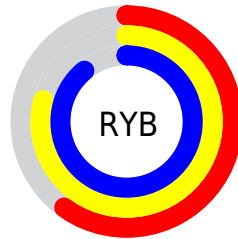
The Hex color **9AE4C5** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **E49AB9**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **D2FFFE**, and **64AC8F** is the 20% darker color. If you saturate the color by 10%, you get **83E4BB**, and if you desaturate by 10%, it is **B1E4CF**.

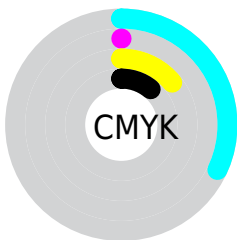
Distribution



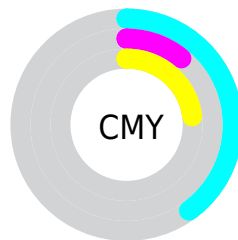
- Red (60%)
- Green (89%)
- Blue (77%)



- Red (60%)
- Yellow (79%)
- Blue (89%)



- Cyan (32%)
- Magenta (0%)
- Yellow (14%)
- Black (11%)



- Cyan (40%)
- Magenta (11%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AE4C5 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 9AE4C5 by changing the saturation by 10% instead.

 9AE4C5

 9AE4C5

FFFFFF

 7FC8AA

 D2FFFE

 64AC8F

 EFFFFFF

 4A9176

 2F775D

 0F5E45

 00462F

 002F1A

 001B00

 000000

 9AE4C5

 9AE4C5

 83E4BB

 B1E4CF

 6CE4B2

 C8E4D8

 56E4A8


 DEE4E2

 3FE49F

 F5E4EB

 28E495

 FFE4F5

 11E48C

 FFE4FE

 00E484

 FFE4FF

Harmonies

Analogous

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



BADFAB



9AE4C5



83E5E3

Triad

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



9AE4C5



C6D2FF



FFC5AD

Complementary

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



9AE4C5



E49AB9

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.



FFC0C7



9AE4C5



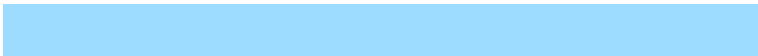
EBC9FE

Square

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



9AE4C5



9EDCFF



FFC1E4



F7CE9E

Rectangle

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



9AE4C5



7FE4F5



FFC1E4



FFC3B5

Sweetspot

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



9AE4C5



E6FFF4



BAE49A



708079



000000



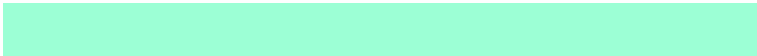
808080

Same Dimension

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



9AE4C5



9CFFD5



9ADFE4



67736E



00B368



00331E

Inverse Universe

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



E49AB9



FF9CC5



E49F9A



73676C



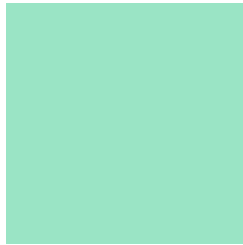
B3004B



330015

Previews

White Background



This preview shows how the Hex color 9AE4C5 looks on a white background.

Color Contrast Check

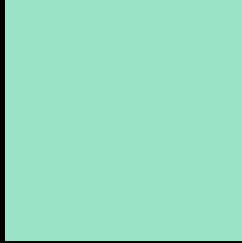
Large Text (above 18pt) WCAG AA × Fail

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 9AE4C5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

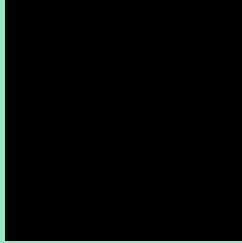
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

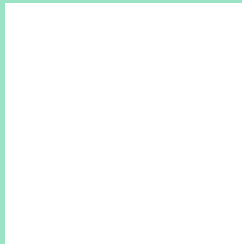
Any Text WCAG AAA ✓ Pass

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

Hex 9AE4C5 Background



This preview shows how black text looks on a background with the Hex color 9AE4C5.

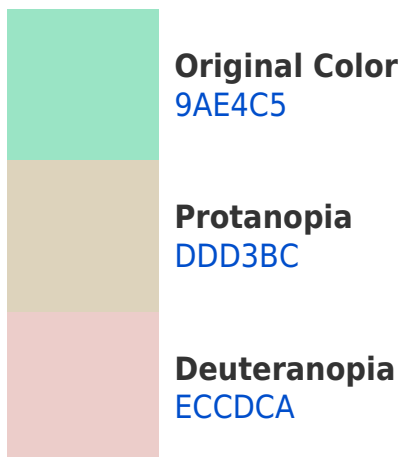


This preview shows how white text looks on a background with the Hex color 9AE4C5.

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



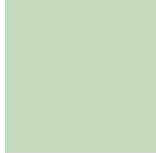


Tritanopia
A3DEF0

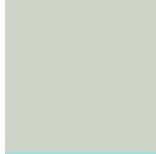
Trichromacy



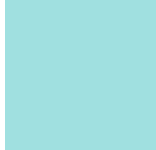
Original Color
9AE4C5



Protanomaly
C5D9BF



Deuteranomaly
CED5C8

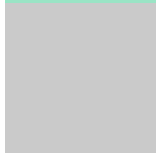


Tritanomaly
A0E0E0

Monochromacy



Original Color
9AE4C5



Achromatopsia
CACACA



Achromatomaly
B9D3C8

CSS Examples

Text

The CSS property to change the color of the text to Hex 9AE4C5 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 #9AE4C5 looks like.

```
.text, #text, p{  
    color:#9AE4C5  
}
```

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 #9AE4C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AE4C5
}
```

Border

The CSS property to change the border of an element to Hex 9AE4C5 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
#9AE4C5 }
```

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

```
.border{ border-color:#9AE4C5 }
```

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

Here you see how a box with a 4 pixel #9AE4C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AE4C5; -webkit-box-shadow:4px 4px  
4px 4px #9AE4C5; box-shadow:4px 4px 4px  
4px #9AE4C5 }
```

Background

The CSS property to change the background color of an element to Hex 9AE4C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AE4C5 }
```

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

```
.background{ background-color:#9AE4C5 }
```

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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