

Converting Colors

Hex(9AE7B8)

Have a look what the booklet for
Hex(9AE7B8) contains.

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Color

Hex(9AE7B8)

Conversions

Conversions Part 1

Format	Color
Hex	9AE7B8
RGB	154, 231, 184
RGB Percent	60%, 91%, 72%
CMY	0.3961, 0.0941, 0.2784
CMYK	0.33, 0.00, 0.20, 0.09
HSL	143°, 62%, 75%
HSV	143°, 33%, 91%
XYZ	50.5541, 67.4825, 55.7084
YIQ	202.6190, -30.8050, -30.9410

Conversions

Conversions Part 2

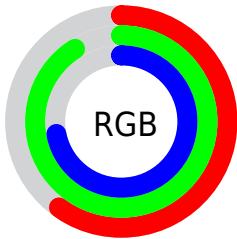
Format	Color
RYB	154, 209, 231
Decimal	10151864
CIELab	85.75, -33.45, 15.46
CIELCh	86, 36.853, 155.190
Yxy	67.4825, 0.2910, 0.3884
Android (android.graphics.Color)	4288341944 (0xFF9AE7B8)
YUV	202.6190, -9.1792, -42.6389
Hunter-Lab	82.1478, -33.9089, 17.2960

Details

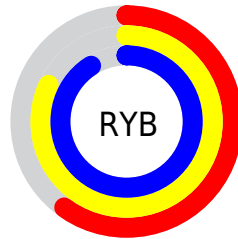
The Hex color **9AE7B8** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E79AC9**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **D2FFF0**, and **64AF83** is the 20% darker color. If you saturate the color by 10%, you get **83E7AA**, and if you desaturate by 10%, it is **B1E7C6**.

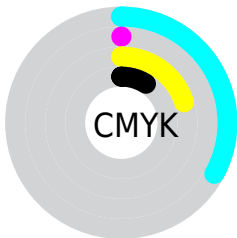
Distribution



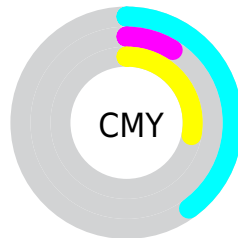
- Red (60%)
- Green (91%)
- Blue (72%)



- Red (60%)
- Yellow (82%)
- Blue (91%)



- Cyan (33%)
- Magenta (0%)
- Yellow (20%)
- Black (9%)



- Cyan (40%)
- Magenta (9%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AE7B8 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 9AE7B8 by changing the saturation by 10% instead.

 9AE7B8

FFFFFF

 D2FFF0

 EFFFFFF

 9AE7B8

 7FCB9D

 64AF83

 49946A

 2E7A51

 0E613A

 004824

 00310F

 001C00

 000000

 9AE7B8

 9AE7B8

 83E7AA

 B1E7C6

 6CE79C

 C8E7D4

 55E78E

 DFE7E2

 3EE780

 F6E7F0

 26E771

 FFE7FE

 0FE763

 FFE7FF

 00E75A

Harmonies

Analogous

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



C3E09C



9AE7B8



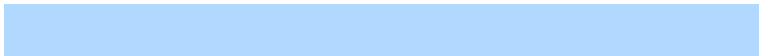
74EADB

Triad

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



9AE7B8



B1D8FF



FFC0B0

Complementary

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



9AE7B8



E79AC9

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.



FFBCD1



9AE7B8



E3CBFF

Square

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



9AE7B8



7FE2FF



FFC1F4



FFCA98

Rectangle

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



9AE7B8



64E9F3



FFC1F4



FFBEBA

Sweetspot

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



9AE7B8



E6FFE7



C9E79A



708076



000000



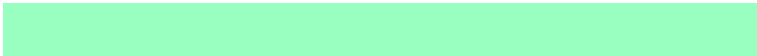
808080

Same Dimension

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



9AE7B8



99FFC1



9AE7DE



67736C



00B346



003314

Inverse Universe

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



E79AC9



FF99D7



E79AA3



73676E



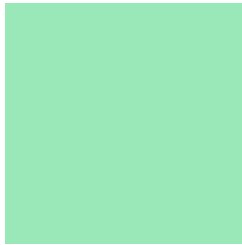
B3006D



33001F

Previews

White Background



This preview shows how the Hex color 9AE7B8 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 9AE7B8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

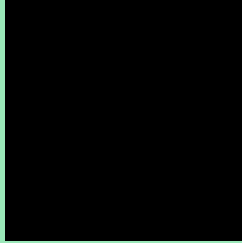
Any Text WCAG AA ✓ Pass

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 9AE7B8 Background



This preview shows how black text looks on a background with the Hex color 9AE7B8.

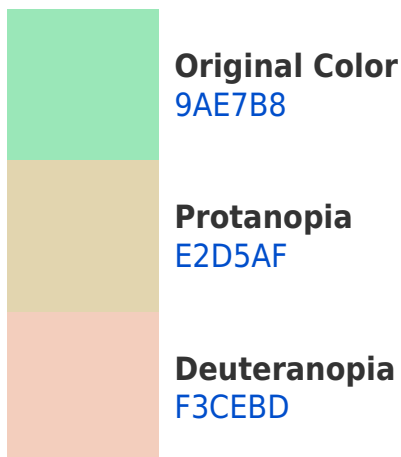


This preview shows how white text looks on a background with the Hex color 9AE7B8.

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



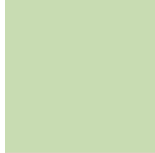


Tritanopia
A6DFF1

Trichromacy



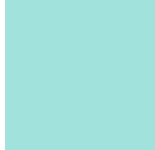
Original Color
9AE7B8



Protanomaly
C8DCB2



Deuteranomaly
D3D7BB

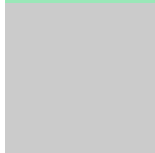


Tritanomaly
A2E2DC

Monochromacy



Original Color
9AE7B8



Achromatopsia
CBCBCB



Achromatomaly
B9D5C4

CSS Examples

Text

The CSS property to change the color of the text to Hex 9AE7B8 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 #9AE7B8 looks like.

```
.text, #text, p{  
    color:#9AE7B8  
}
```

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 #9AE7B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AE7B8  
}
```

Border

The CSS property to change the border of an element to Hex 9AE7B8 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  
#9AE7B8 }
```

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

```
.border{ border-color:#9AE7B8 }
```

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

Here you see how a box with a 4 pixel #9AE7B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AE7B8; -webkit-box-shadow:4px 4px  
4px 4px #9AE7B8; box-shadow:4px 4px 4px  
4px #9AE7B8 }
```

Background

The CSS property to change the background color of an element to Hex 9AE7B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AE7B8 }
```

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

```
.background{ background-color:#9AE7B8 }
```

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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