

Converting Colors

Hex(9AEFBA)

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

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Color

Hex(9AEFBA)

Conversions

Conversions Part 1

Format	Color
Hex	9AEFBA
RGB	154, 239, 186
RGB Percent	60%, 94%, 73%
CMY	0.3961, 0.0627, 0.2706
CMYK	0.36, 0.00, 0.22, 0.06
HSL	143°, 73%, 77%
HSV	143°, 36%, 94%
XYZ	53.0559, 72.1482, 57.5840
YIQ	207.5430, -33.6470, -34.5030

Conversions

Conversions Part 2

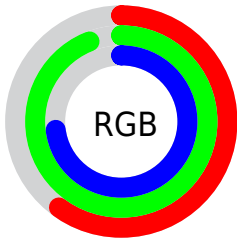
Format	Color
RYB	154, 216, 239
Decimal	10153914
CIELab	88.04, -36.76, 17.64
CIElCh	88, 40.774, 154.363
Yxy	72.1482, 0.2903, 0.3947
Android (android.graphics.Color)	4288343994 (0xFF9AEFBA)
YUV	207.5430, -10.6207, -46.9572
Hunter-Lab	84.9401, -37.1493, 19.2632

Details

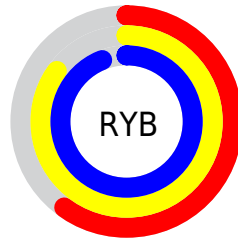
The Hex color **9AEFBA** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **EF9ACF**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **D3FFF2**, and **63B785** is the 20% darker color. If you saturate the color by 10%, you get **82EFAB**, and if you desaturate by 10%, it is **B2EFC9**.

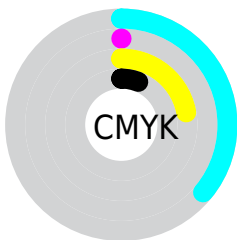
Distribution



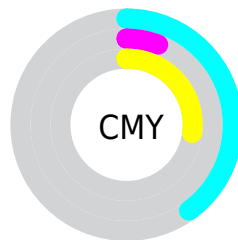
- Red (60%)
- Green (94%)
- Blue (73%)



- Red (60%)
- Yellow (85%)
- Blue (94%)



- Cyan (36%)
- Magenta (0%)
- Yellow (22%)
- Black (6%)



- Cyan (40%)
- Magenta (6%)
- Yellow (27%)

Brightness & Saturation Gradients

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

 9AEFBA

FFFFFF

 D3FFF2

 F0FFFF

 9AEFBA

 7ED29F

 63B785

 489B6B

 2C8153

 04673C

 004F25

 003710

 002300

 000000

 9AEFBA

 9AEFBA

 82EFAB

 B2EFC9

 6AEF9C

 CAEFD8

 52EF8D

 E2EFE7

 3AEF7E

 FAEFF6

 22EF6F

 FFEFFF

 0BEF61

 00EF5A

Harmonies

Analogous

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



C8E89C



9AEFBA



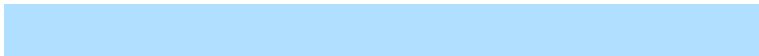
6CF2E1

Triad

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



9AEFBA



B0DFFF



FFC4B3

Complementary

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



9AEFBA



EF9ACF

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.



FFBFD9



9AEFBA



E9D1FF

Square

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



9AEFBA



74EAFF



FFC4FF



FFCF98

Rectangle

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



9AEFBA



56F1FB



FFC4FF



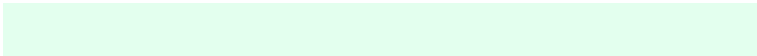
FFC1BF

Sweetspot

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



9AEFBA



E3FFEE



D0EF9A



6F8075



000000



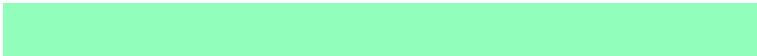
808080

Same Dimension

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



9AEFBA



91FFBB



9AEFE4



6C7870



00B845



003815

Inverse Universe

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



EF9ACF



FF91D6



EF9AA5



786C73



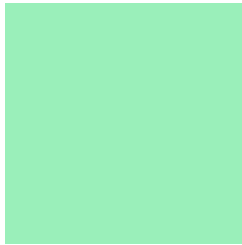
B80072



380023

Previews

White Background



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

Color Contrast Check

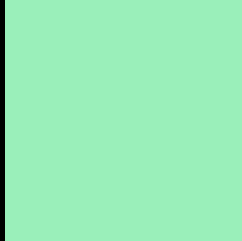
Large Text (above 18pt) WCAG AA × Fail

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 9AEFBA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

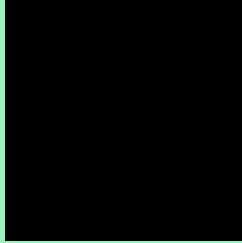
Any Text WCAG AA ✓ Pass

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 9AEFBA Background



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

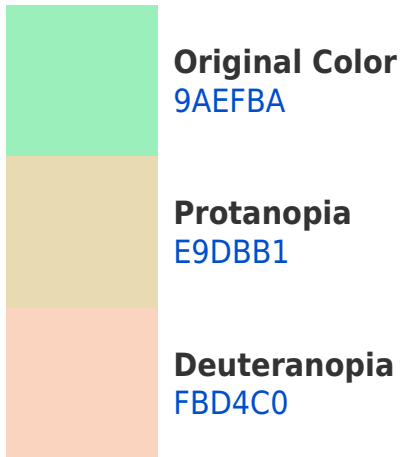


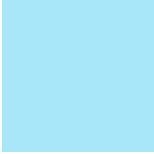
This preview shows how white text looks on a background with the Hex color 9AEFBA.

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





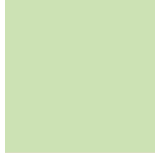
Tritanopia
A7E7F9

Trichromacy



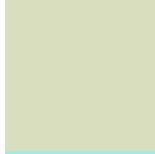
Original Color

9AEFBA



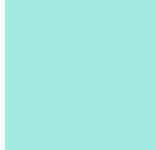
Protanomaly

CCE2B4



Deuteranomaly

D8DEBE



Tritanomaly

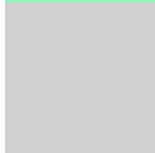
A2EAE2

Monochromacy



Original Color

9AEFBA



Achromatopsia

D0D0D0



Achromatomaly

BCDBC8

CSS Examples

Text

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

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

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 #9AEFBA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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