

Converting Colors

Hex(9AE6F6)

Have a look what the booklet for
Hex(9AE6F6) contains.

Hex(9AE6F6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9AE6F6)

Conversions

Conversions Part 1

Format	Color
Hex	9AE6F6
RGB	154, 230, 246
RGB Percent	60%, 90%, 96%
CMY	0.3961, 0.0980, 0.0353
CMYK	0.37, 0.07, 0.00, 0.04
HSL	190°, 84%, 78%
HSV	190°, 37%, 96%
XYZ	58.2578, 70.1175, 97.6523
YIQ	209.1000, -50.4320, -11.1360

Conversions

Conversions Part 2

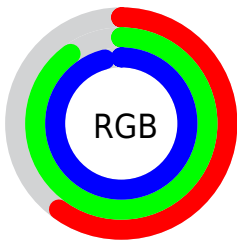
Format	Color
RYB	154, 196, 246
Decimal	10151670
CIELab	87.05, -19.47, -15.19
CIELCh	87, 24.700, 217.959
Yxy	70.1175, 0.2577, 0.3102
Android (android.graphics.Color)	4288341750 (0xFF9AE6F6)
YUV	209.1000, 18.1917, -48.3227
Hunter-Lab	83.7362, -22.3505, -10.5281

Details

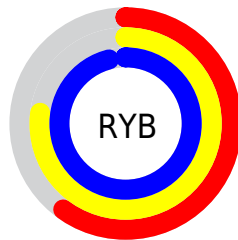
The Hex color **9AE6F6** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **F6AA9A**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **D3FFFF**, and **62AEBE** is the 20% darker color. If you saturate the color by 10%, you get **81E2F6**, and if you desaturate by 10%, it is **B3EAF6**.

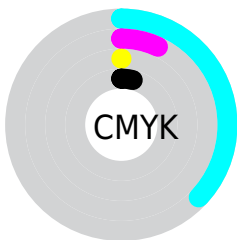
Distribution



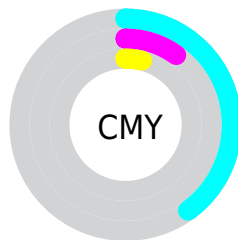
- Red (60%)
- Green (90%)
- Blue (96%)



- Red (60%)
- Yellow (77%)
- Blue (96%)



- Cyan (37%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (40%)
- Magenta (10%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AE6F6 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 9AE6F6 by changing the saturation by 10% instead.

 9AE6F6

FFFFFF

 D3FFFF

 F1FFFF

 9AE6F6

 7ECADA

 62AEBE

 4694A3

 267A88

 00616F

 004957

 00323F

 001E29

 000115

 9AE6F6

 9AE6F6

 81E2F6

 B3EAF6

 69DDF6

 CBEFF6

 50D9F6

 E4F3F6

 38D5F6

 FCF7F6

 1FD1F6

 FFFBF6

 06CCF6

 FFFFF6

 00CBF6

Harmonies

Analogous

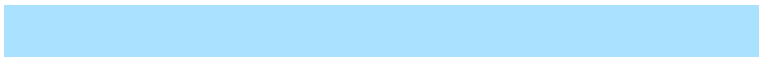
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9EE8E0



9AE6F6



AAE1FF

Triad

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



9AE6F6



FECCEC



E6DAAC

Complementary

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



9AE6F6



F6AA9A

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.



FBD3AF



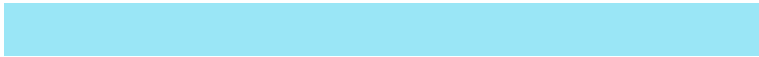
9AE6F6



FFC9D4

Square

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



9AE6F6



E6D2FF



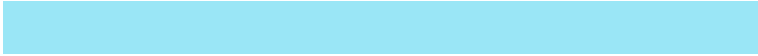
FFCCBE



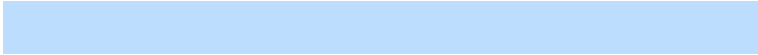
CBE1B5

Rectangle

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



9AE6F6



BDDDF6



FFCCBE



EED8AB

Sweetspot

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



9AE6F6



E3FAFF



9AF6A9



6F7D80



000000



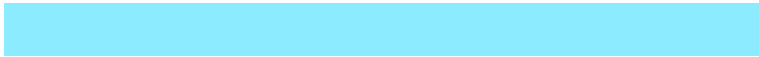
808080

Same Dimension

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



9AE6F6



8CEBFF



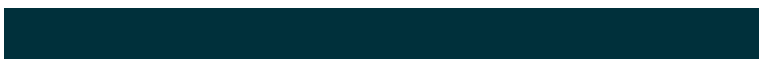
9AB9F6



6E787A



009ABA



00303B

Inverse Universe

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



F69AE6



FF8CEB



F6D79A



7A6E78



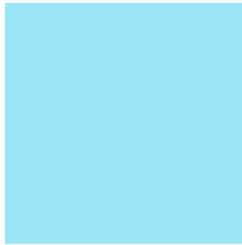
BA009A



3B0030

Previews

White Background



This preview shows how the Hex color 9AE6F6 looks on a white background.

Color Contrast Check

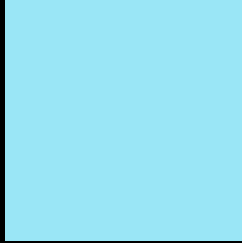
Large Text (above 18pt) WCAG AA × Fail

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 9AE6F6 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 9AE6F6 Background



This preview shows how black text looks on a background with the Hex color 9AE6F6.

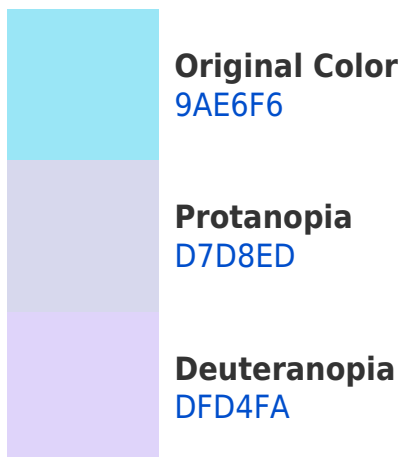


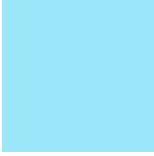
This preview shows how white text looks on a background with the Hex color 9AE6F6.

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](#).

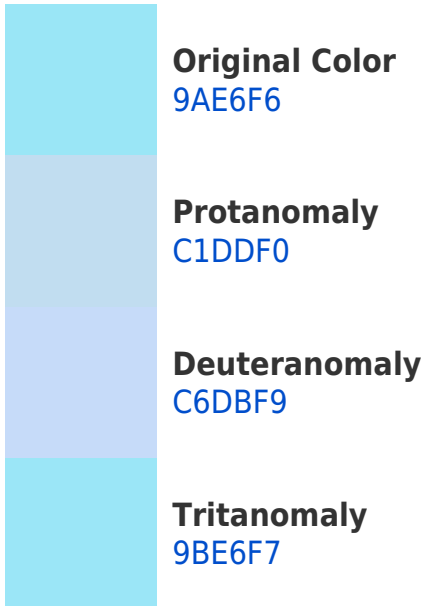
Dichromacy



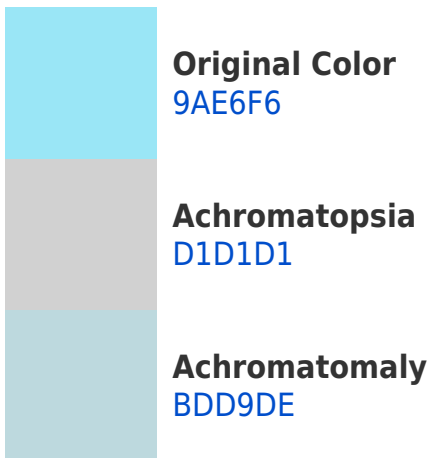


Tritanopia
9BE6F8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9AE6F6 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 #9AE6F6 looks like.

```
.text, #text, p{  
    color:#9AE6F6  
}
```

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 #9AE6F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AE6F6  
}
```

Border

The CSS property to change the border of an element to Hex 9AE6F6 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  
#9AE6F6 }
```

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

```
.border{ border-color:#9AE6F6 }
```

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

Here you see how a box with a 4 pixel #9AE6F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AE6F6; -webkit-box-shadow:4px 4px  
4px 4px #9AE6F6; box-shadow:4px 4px 4px  
4px #9AE6F6 }
```

Background

The CSS property to change the background color of an element to Hex 9AE6F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AE6F6 }
```

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

```
.background{ background-color:#9AE6F6 }
```

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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