

# Converting Colors

Hex(9AAFE7)

Have a look what the booklet for  
Hex(9AAFE7) contains.

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# **Color**

**Hex(9AAFE7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9AAFE7
RGB	154, 175, 231
RGB Percent	60%, 69%, 91%
CMY	0.3961, 0.3137, 0.0941
CMYK	0.33, 0.24, 0.00, 0.09
HSL	224°, 62%, 75%
HSV	224°, 33%, 91%
XYZ	43.0802, 43.2995, 81.6884
YIQ	175.1050, -30.4920, 12.9640

# Conversions

## Conversions Part 2

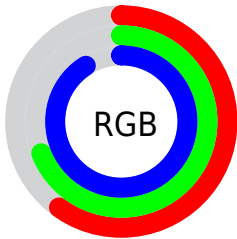
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 171, 231
Decimal	10137575
CIELab	71.76, 5.81, -30.42
CIELCh	72, 30.975, 280.810
Yxy	43.2995, 0.2563, 0.2576
Android (android.graphics.Color)	4288327655 (0xFF9AAFE7)
YUV	175.1050, 27.5562, -18.5091
Hunter-Lab	65.8023, 1.7082, -27.5422

# Details

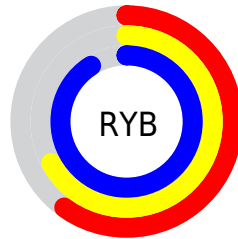
The Hex color **9AAFE7** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E7D29A**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **D2E6FF**, and **647BAF** is the 20% darker color. If you saturate the color by 10%, you get **839EE7**, and if you desaturate by 10%, it is **B1C0E7**.

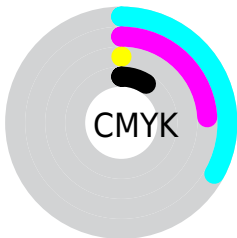
# Distribution



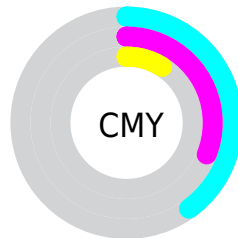
- Red (60%)
- Green (69%)
- Blue (91%)



- Red (60%)
- Yellow (67%)
- Blue (91%)



- Cyan (33%)
- Magenta (24%)
- Yellow (0%)
- Black (9%)



- Cyan (40%)
- Magenta (31%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9AAFE7 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 9AAFE7 by changing the saturation by 10% instead.



■ 9AAFE7

■ 9AAFE7

FFFFFF

■ 7F94CB

■ D2E6FF

■ 647BAF

■ EFFFFFF

■ 4A6294

■ 304A7A

■ 123461

■ 001F49

■ 000633

■ 00021D

■ 000000

■ 9AAFE7

■ 9AAFE7

■ 839EE7

■ B1C0E7

■ 6C8DE7

■ C8D1E7

■ 557DE7

■ DFE1E7

■ 3E6CE7

■ F6F2E7

■ 265BE7

■ FFFFE7

■ 0F4AE7

■ 003FE7

# Harmonies

## Analogous

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



71B8E4



9AAFE7



C1A5DB

# Triad

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



9AAFE7



E49F8C



79BE9C

# Complementary

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



9AAFE7



E7D29A

# 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.



9AB984



9AAFE7



D4A87B

# Square

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



9AAFE7



E89BA6



B9B178



5DC0B9

# Rectangle

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



9AAFE7



D59FCC



B9B178



84BD93



# Sweetspot

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



9AAFE7



E6ECFF



9AE7D1



707480



000000



808080



# Same Dimension

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



9AAFE7



99B5FF



AB9AE7



676A73



0031B3



000E33



# Inverse Universe

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



E79AAF



FF99B5



D6E79A



73676A



B30031

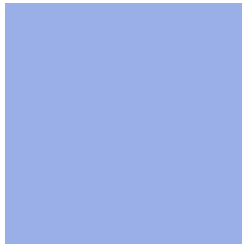


33000E



# Previews

## White Background



This preview shows how the Hex color 9AAFE7 looks on a white background.

## Color Contrast Check

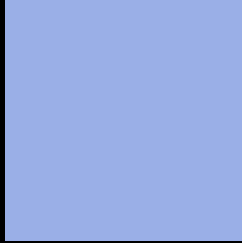
Large Text (above 18pt) WCAG AA × Fail

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 9AAFE7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

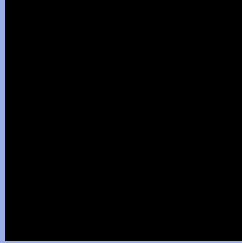
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9AAFE7 Background



This preview shows how black text looks on a background with the Hex color 9AAFE7.



This preview shows how white text looks on a background with the Hex color 9AAFE7.

# 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



**Original Color**  
9AAFE7

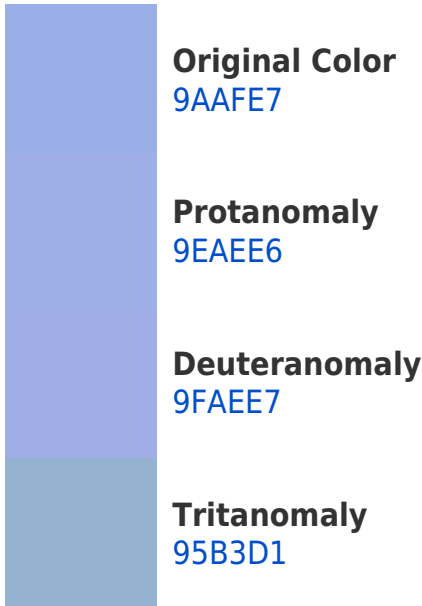
**Protanopia**  
A0ADE6

**Deuteranopia**  
A2ADE7

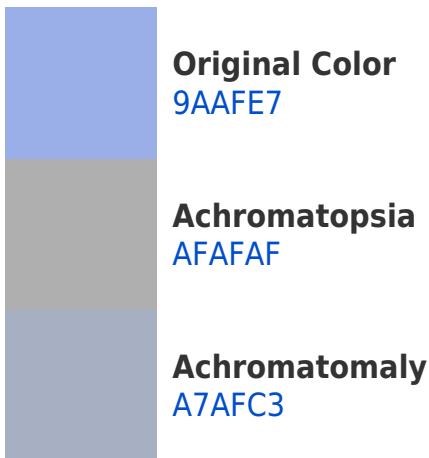


**Tritanopia**  
92B5C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9AAFE7 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 #9AAFE7 looks like.

```
.text, #text, p{  
    color:#9AAFE7  
}
```

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 #9AAFE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AAFE7
}
```

## Border

The CSS property to change the border of an element to Hex 9AAFE7 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
#9AAFE7 }
```

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

```
.border{ border-color:#9AAFE7 }
```

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

Here you see how a box with a 4 pixel #9AAFE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AAFE7; -webkit-box-shadow:4px 4px  
4px 4px #9AAFE7; box-shadow:4px 4px 4px  
4px #9AAFE7 }
```

# Background

The CSS property to change the background color of an element to Hex 9AAFE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AAFE7 }
```

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

```
.background{ background-color:#9AAFE7 }
```

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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