

# Converting Colors

Hex(9AB0F4)

Have a look what the booklet for  
Hex(9AB0F4) contains.

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# **Color**

**Hex(9AB0F4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9AB0F4
RGB	154, 176, 244
RGB Percent	60%, 69%, 96%
CMY	0.3961, 0.3098, 0.0431
CMYK	0.37, 0.28, 0.00, 0.04
HSL	225°, 80%, 78%
HSV	225°, 37%, 96%
XYZ	45.1809, 44.4523, 91.7868
YIQ	177.1740, -34.9400, 16.4840

# Conversions

## Conversions Part 2

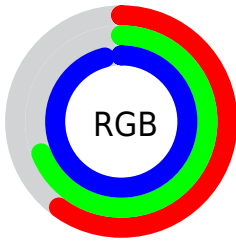
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 172, 244
Decimal	10137844
CIELab	72.53, 8.63, -36.29
CIELCh	73, 37.304, 283.369
Yxy	44.4523, 0.2490, 0.2450
Android (android.graphics.Color)	4288327924 (0xFF9AB0F4)
YUV	177.1740, 32.9452, -20.3236
Hunter-Lab	66.6726, 4.2841, -34.9525

# Details

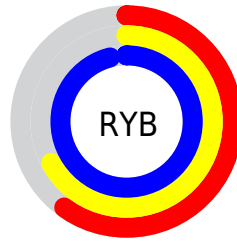
The Hex color **9AB0F4** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **F4DE9A**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **D3E7FF**, and **637CBB** is the 20% darker color. If you saturate the color by 10%, you get **829EF4**, and if you desaturate by 10%, it is **B2C2F4**.

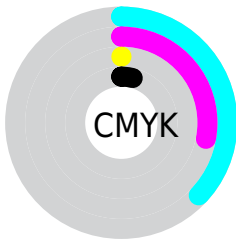
# Distribution



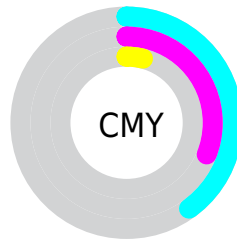
- Red (60%)
- Green (69%)
- Blue (96%)



- Red (60%)
- Yellow (67%)
- Blue (96%)



- Cyan (37%)
- Magenta (28%)
- Yellow (0%)
- Black (4%)



- Cyan (40%)
- Magenta (31%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9AB0F4 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 9AB0F4 by changing the saturation by 10% instead.



 9AB0F4

 9AB0F4

FFFFFF

 7E95D7

 D3E7FF

 637CBB

 F0FFFF

 4863A0

 2C4B86

 05356C

 002054

 00083C

 000226

 00010E

 9AB0F4

 9AB0F4

 829EF4

 B2C2F4

 698BF4

 CBD5F4

 5179F4

 E3E7F4

 3866F4

 FCFAF4

 2054F4

 FFFFF4

 0841F4

 003CF4

# Harmonies

## Analogous

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



61BBF3



9AB0F4



C9A4E4

# Triad

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



9AB0F4



EF9E85



69C39D

# Complementary

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



9AB0F4



F4DE9A

# 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.



94BE7F



9AB0F4



D9A971

# Square

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



9AB0F4



F598A4



BAB56F



3DC4C0

# Rectangle

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



9AB0F4



E09DD1



BAB56F



78C292



# Sweetspot

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



9AB0F4



E3EAFF



9AF4DE



6F7380



000000



808080



# Same Dimension

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



9AB0F4



8FAAFF



B09AF4



6E717A



002EBA



000E3B



# Inverse Universe

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



F49AB0



FF8FAA



DEF49A



7A6E71



BA002E

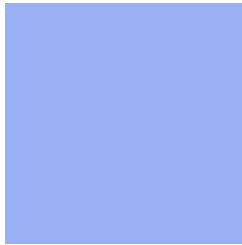


3B000E



# Previews

## White Background



This preview shows how the Hex color 9AB0F4 looks on a white background.

## Color Contrast Check

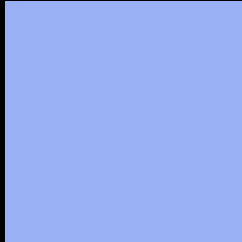
Large Text (above 18pt) WCAG AA × Fail

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 9AB0F4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

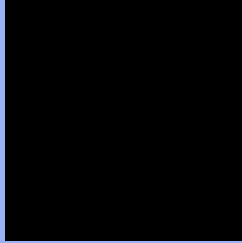
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9AB0F4 Background



This preview shows how black text looks on a background with the Hex color 9AB0F4.



This preview shows how white text looks on a background with the Hex color 9AB0F4.

# 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](#).

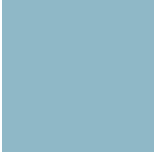
## Dichromacy



**Original Color**  
9AB0F4

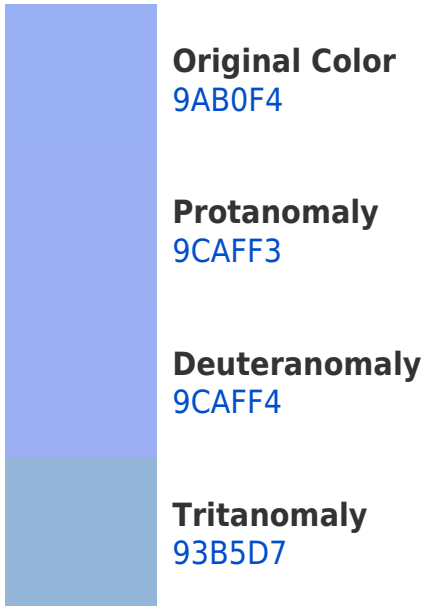
**Protanopia**  
9DAFF3

**Deuteranopia**  
9DAFF4

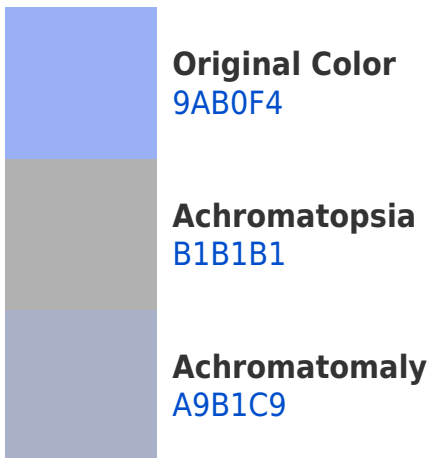


**Tritanopia**  
8FB8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9AB0F4 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 #9AB0F4 looks like.

```
.text, #text, p{  
    color:#9AB0F4  
}
```

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 #9AB0F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AB0F4
}
```

## Border

The CSS property to change the border of an element to Hex 9AB0F4 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
#9AB0F4 }
```

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

```
.border{ border-color:#9AB0F4 }
```

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

Here you see how a box with a 4 pixel #9AB0F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AB0F4; -webkit-box-shadow:4px 4px  
4px 4px #9AB0F4; box-shadow:4px 4px 4px  
4px #9AB0F4 }
```

# Background

The CSS property to change the background color of an element to Hex 9AB0F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AB0F4 }
```

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

```
.background{ background-color:#9AB0F4 }
```

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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