

# Converting Colors

Hex(9BAFB6)

Have a look what the booklet for  
Hex(9BAFB6) contains.

<b>Hex(9BAFB6)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(9BAFB6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9BAFB6
RGB	155, 175, 182
RGB Percent	61%, 69%, 71%
CMY	0.3922, 0.3137, 0.2863
CMYK	0.15, 0.04, 0.00, 0.29
HSL	196°, 16%, 66%
HSV	196°, 15%, 71%
XYZ	37.2910, 41.0059, 50.2055
YIQ	169.8180, -14.1670, -2.0630

# Conversions

## Conversions Part 2

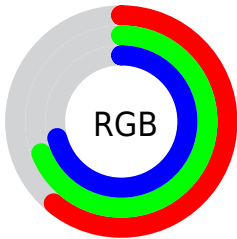
<b>Format</b>	<b>Color</b>
<b>RYB</b>	155, 166, 182
Decimal	10203062
CIELab	70.18, -5.43, -5.92
CIElCh	70, 8.036, 227.504
Yxy	41.0059, 0.2902, 0.3191
Android (android.graphics.Color)	4288393142 (0xFF9BAFB6)
YUV	169.8180, 6.0057, -12.9954
Hunter-Lab	64.0359, -8.1139, -1.6595

# Details

The Hex color **9BAFB6** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B6A29B**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **D2E7EE**, and **687B81** is the 20% darker color. If you saturate the color by 10%, you get **89AAB6**, and if you desaturate by 10%, it is **ADB4B6**.

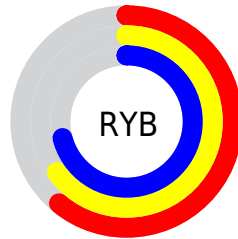
# Distribution



Red (61%)

Green (69%)

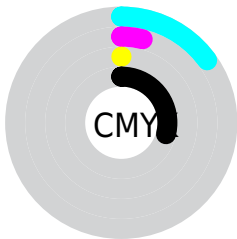
Blue (71%)



Red (61%)

Yellow (65%)

Blue (71%)

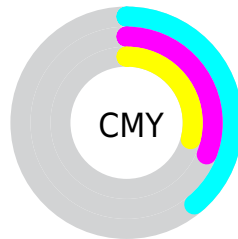


Cyan (15%)

Magenta (4%)

Yellow (0%)

Black (29%)



Cyan (39%)

Magenta (31%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BAFB6 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 9BAFB6 by changing the saturation by 10% instead.





9BAFB6



9BAFB6

FFFFFF



81949B



D2E7EE



687B81



EEFFFF



4F6268



384A50



223339



0C1E24



00020E



000000



9BAFB6



9BAFB6

89AAB6

ADB4B6

77A6B6

BFB8B6

64A1B6

D2BDB6

529CB6

E4C2B6

4097B6

F6C7B6

2E93B6

FFCBB6

1C8EB6

FFD0B6

0989B6

FFD5B6

0087B6

FFD9B6

# Harmonies

## Analogous

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



9AB0B0



9BAFB6



A1ADBA

# Triad

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



9BAFB6



B9A7AF



ADAC9E

# Complementary

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



9BAFB6



B6A29B

# 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.



B5AA9D



9BAFB6



BCA7A7

# Square

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



9BAFB6



B2A8B5



BAA8A1



A5AE2

# Rectangle

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



9BAFB6



A6ACBA



BAA8A1



B0AC9D



# Sweetspot

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



9BAFB6



E4EBED



9BB6A2



727678



F7F7F7



787878



# Same Dimension

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



9BAFB6



C2E2ED



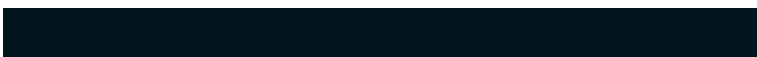
9BA2B6



53595C



00739C



00151C



# Inverse Universe

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



B69BAF



EDC2E2



B6AF9B



5C5359



9C0073



1C0015



# Previews

## White Background



This preview shows how the Hex color 9BAFB6 looks on a white background.

## Color Contrast Check

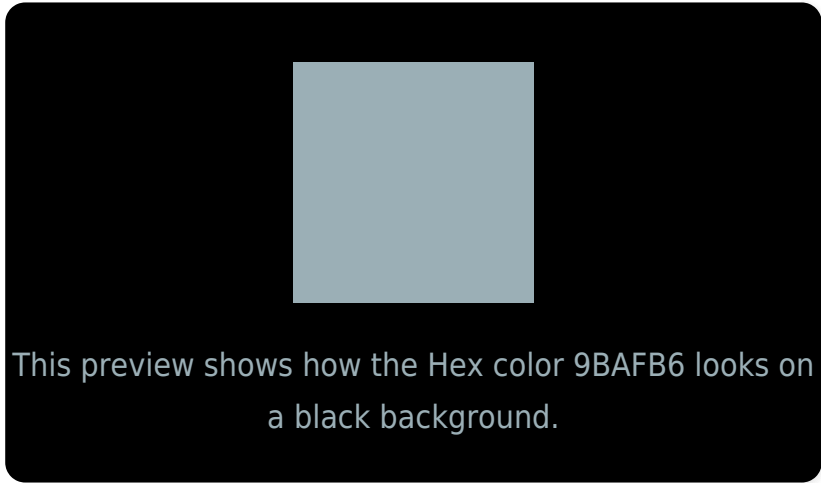
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

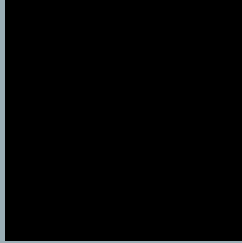
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

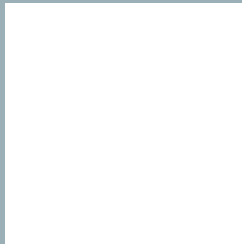
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9BAFB6 Background



This preview shows how black text looks on a background with the Hex color 9BAFB6.

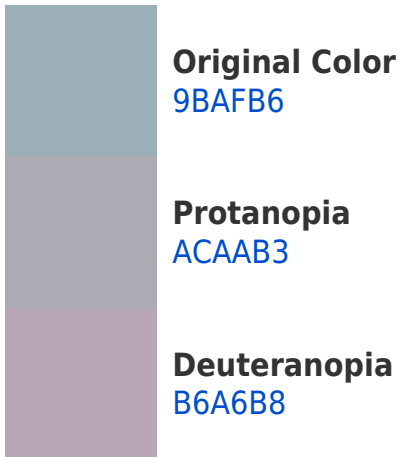


This preview shows how white text looks on a background with the Hex color 9BAFB6.

# Color Blindness Simulation

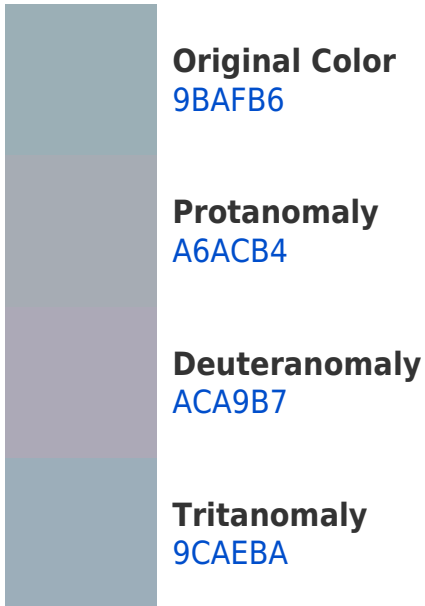
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

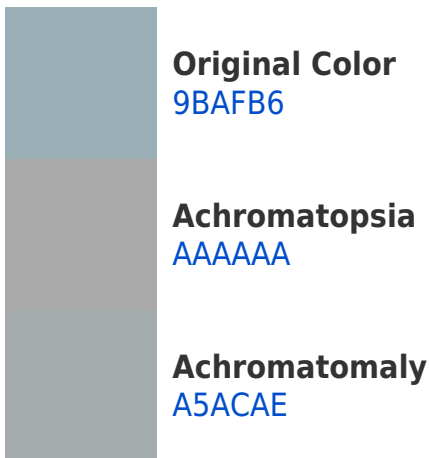




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BAFB6 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 #9BAFB6 looks like.

```
.text, #text, p{  
    color:#9BAFB6  
}
```

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 #9BAFB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BAFB6  
}
```

## Border

The CSS property to change the border of an element to Hex 9BAFB6 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  
#9BAFB6 }
```

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

```
.border{ border-color:#9BAFB6 }
```

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

Here you see how a box with a 4 pixel #9BAFB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BAFB6; -webkit-box-shadow:4px 4px  
4px 4px #9BAFB6; box-shadow:4px 4px 4px  
4px #9BAFB6 }
```

# Background

The CSS property to change the background color of an element to Hex 9BAFB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BAFB6 }
```

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

```
.background{ background-color:#9BAFB6 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor