

Converting Colors

Hex(9BACB5)

Have a look what the booklet for
Hex(9BACB5) contains.

Hex(9BACB5)	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(9BACB5)

Conversions

Conversions Part 1

Format	Color
Hex	9BACB5
RGB	155, 172, 181
RGB Percent	61%, 67%, 71%
CMY	0.3922, 0.3255, 0.2902
CMYK	0.14, 0.05, 0.00, 0.29
HSL	201°, 15%, 66%
HSV	201°, 14%, 71%
XYZ	36.6106, 39.8098, 49.4705
YIQ	167.9430, -13.0210, -0.8050

Conversions

Conversions Part 2

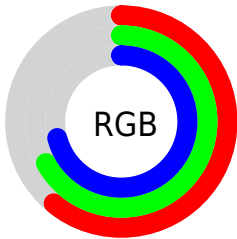
Format	Color
RYB	155, 165, 181
Decimal	10202293
CIELab	69.33, -4.02, -6.63
CIElCh	69, 7.751, 238.749
Yxy	39.8098, 0.2908, 0.3162
Android (android.graphics.Color)	4288392373 (0xFF9BACB5)
YUV	167.9430, 6.4371, -11.3510
Hunter-Lab	63.0950, -6.8425, -2.3207

Details

The Hex color **9BACB5** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B5A49B**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **D2E3ED**, and **687880** is the 20% darker color. If you saturate the color by 10%, you get **89A6B5**, and if you desaturate by 10%, it is **ADB2B5**.

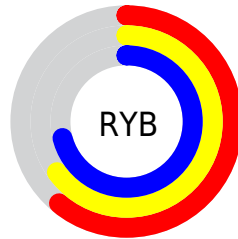
Distribution



Red (61%)

Green (67%)

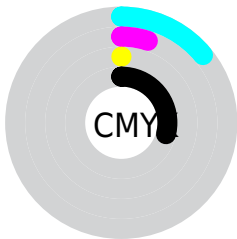
Blue (71%)



Red (61%)

Yellow (65%)

Blue (71%)

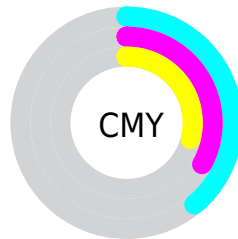


Cyan (14%)

Magenta (5%)

Yellow (0%)

Black (29%)



Cyan (39%)

Magenta (33%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Hex color 9BACB5 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 9BACB5 by changing the saturation by 10% instead.

 9BACB5

 9BACB5

FFFFFF

 81919A

 D2E3ED

 687880

 EEEFFF

 4F5F67

 38474F

 223138

 0D1C23

 00010D

 000000

 9BACB5

 9BACB5

89A6B5

ADB2B5

779FB5

BFB9B5

6599B5

D1BFB5

5393B5

E3C5B5

408DB5

F6CBB5

2E86B5

FFD2B5

1C80B5

FFD8B5

0A7AB5

FFDEB5

0076B5

FFE4B5

Harmonies

Analogous

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



98ADB0



9BACB5



A2AAB7

Triad

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



9BACB5



B8A5AA



A8AB9D

Complementary

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



9BACB5



B5A49B

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.



B0A99B



9BACB5



B9A5A3

Square

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



9BACB5



B2A6B1



B6A69E



A0ADA2

Rectangle

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



9BACB5



A8A8B6



B6A69E



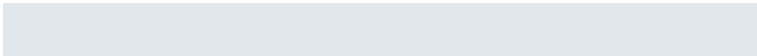
AAAA9C

Sweetspot

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



9BACB5



E1E7EB



9BB5A4



6F7375



F5F5F5



757575

Same Dimension

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



9BACB5



C3DDEB



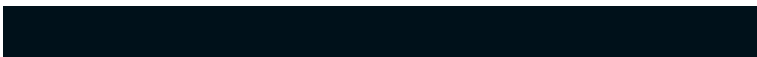
9B9FB5



505659



006499



00111A

Inverse Universe

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



B59BAC



EBC3DD



B5B19B



595056



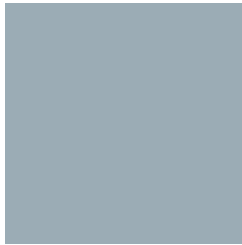
990064



1A0011

Previews

White Background



This preview shows how the Hex color 9BACB5 looks on a white background.

Color Contrast Check

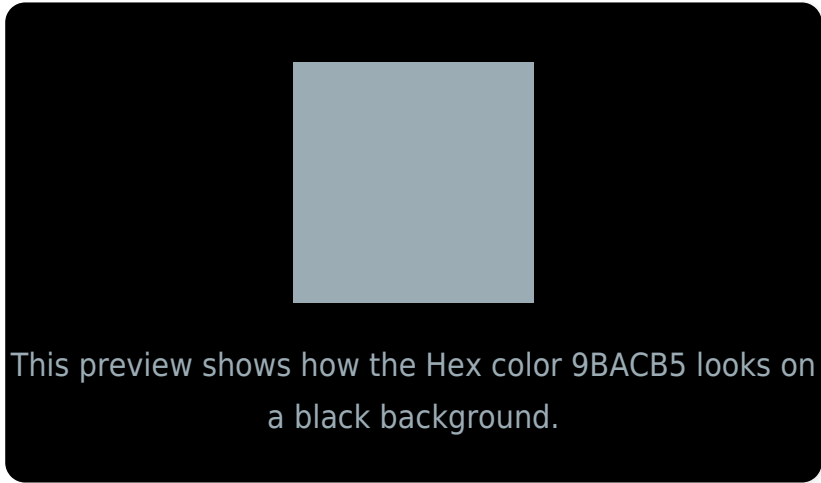
Large Text (above 18pt) WCAG AA × Fail

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

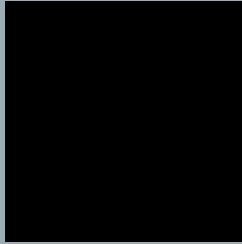
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

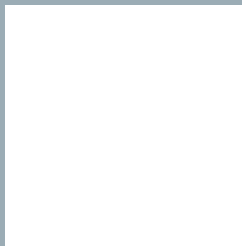
Any Text WCAG AAA ✓ Pass

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

Hex 9BACB5 Background



This preview shows how black text looks on a background with the Hex color 9BACB5.

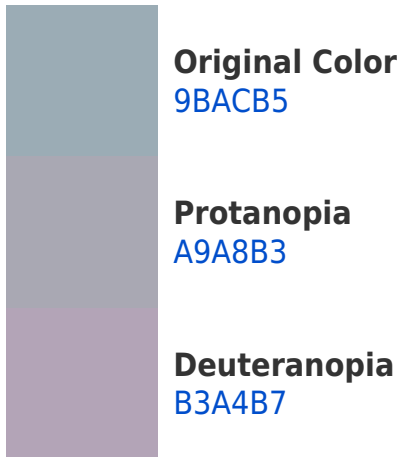


This preview shows how white text looks on a background with the Hex color 9BACB5.

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
9CABB9

Trichromacy



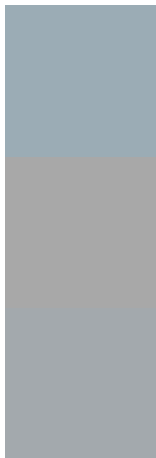
Original Color
9BACB5

Protanomaly
A4A9B4

Deuteranomaly
AAA7B6

Tritanomaly
9CABB8

Monochromacy



Original Color
9BACB5

Achromatopsia
A8A8A8

Achromatomaly
A3A9AD

CSS Examples

Text

The CSS property to change the color of the text to Hex 9BACB5 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 #9BACB5 looks like.

```
.text, #text, p{  
    color:#9BACB5  
}
```

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 #9BACB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BACB5  
}
```

Border

The CSS property to change the border of an element to Hex 9BACB5 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  
#9BACB5 }
```

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

```
.border{ border-color:#9BACB5 }
```

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

Here you see how a box with a 4 pixel #9BACB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BACB5; -webkit-box-shadow:4px 4px  
4px 4px #9BACB5; box-shadow:4px 4px 4px  
4px #9BACB5 }
```

Background

The CSS property to change the background color of an element to Hex 9BACB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BACB5 }
```

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

```
.background{ background-color:#9BACB5 }
```

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