

# Converting Colors

Hex(9FACB5)

Have a look what the booklet for  
Hex(9FACB5) contains.

|  |    |
|--|----|
| <b>Hex(9FACB5)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# **Color**

**Hex(9FACB5)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 9FACB5                     |
| RGB         | 159, 172, 181              |
| RGB Percent | 62%, 67%, 71%              |
| CMY         | 0.3765, 0.3255, 0.2902     |
| CMYK        | 0.12, 0.05, 0.00, 0.29     |
| HSL         | 205°, 13%, 67%             |
| HSV         | 205°, 12%, 71%             |
| XYZ         | 37.3911, 40.2122, 49.5071  |
| YIQ         | 169.1390, -10.6370, 0.0430 |

# Conversions

## Conversions Part 2

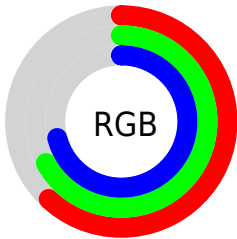
| Format                              | Color                                       |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">159, 167, 181</a>               |
| Decimal                             | <a href="#">10464437</a>                    |
| CIELab                              | <a href="#">69.62, -2.69, -6.17</a>         |
| CIElCh                              | <a href="#">70, 6.731, 246.452</a>          |
| Yxy                                 | <a href="#">40.2122, 0.2942, 0.3164</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4288654517<br/>(0xFF9FACB5)</a> |
| YUV                                 | <a href="#">169.1390, 5.8475, -8.8919</a>   |
| Hunter-Lab                          | <a href="#">63.4131, -5.7215, -1.8990</a>   |

# Details

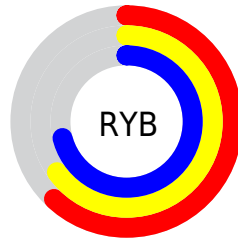
The Hex color **9FACB5** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B5A89F**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **D6E3ED**, and **6B7880** is the 20% darker color. If you saturate the color by 10%, you get **8DA5B5**, and if you desaturate by 10%, it is **B1B3B5**.

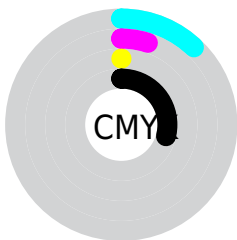
# Distribution



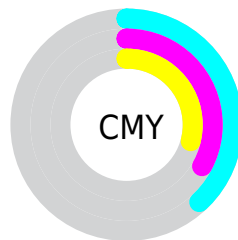
- Red (62%)
- Green (67%)
- Blue (71%)



- Red (62%)
- Yellow (65%)
- Blue (71%)



- Cyan (12%)
- Magenta (5%)
- Yellow (0%)
- Black (29%)



- Cyan (38%)
- Magenta (33%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9FACB5 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 9FACB5 by changing the saturation by 10% instead.





9FACB5



9FACB5

FFFFFF



85919A



D6E3ED



6B7880



F2FFFF



535F67



3C474F



263138



111C23



00010D



000000



9FACB5



9FACB5

8DA5B5

B1B3B5

7B9DB5

C3BBB5

6996B5

D5C2B5

578EB5

E7CAB5

4587B5

FAD1B5

3280B5

FFD8B5

2078B5

FFE0B5

0E71B5

FFE7B5

006BB5

FFEFB5

# Harmonies

## Analogous

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



9CADB1



9FACB5



A5AAB6

# Triad

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



9FACB5



B7A6A9



A7ACA0

# Complementary

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



9FACB5



B5A89F

# 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.



AEEA9E



9FACB5



B7A7A3

# Square

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



9FACB5



B3A7AF



B4A89F



A0ADA5

# Rectangle

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



9FACB5



ABA9B5



B4A89F



A9AB9F

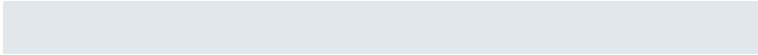


# Sweetspot

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



9FACB5



E1E7EB



9FB5A8



6F7375



F5F5F5



757575



# Same Dimension

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



9FACB5



C7DCEB



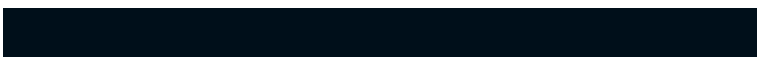
9FA1B5



505659



005A99



000F1A



# Inverse Universe

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



B59FAC



EBC7DC



B5B39F



595056



99005A

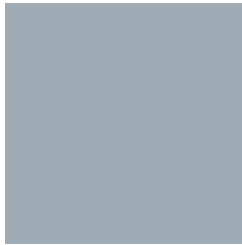


1A000F



# Previews

## White Background



This preview shows how the Hex color 9FACB5 looks on a white background.

## Color Contrast Check

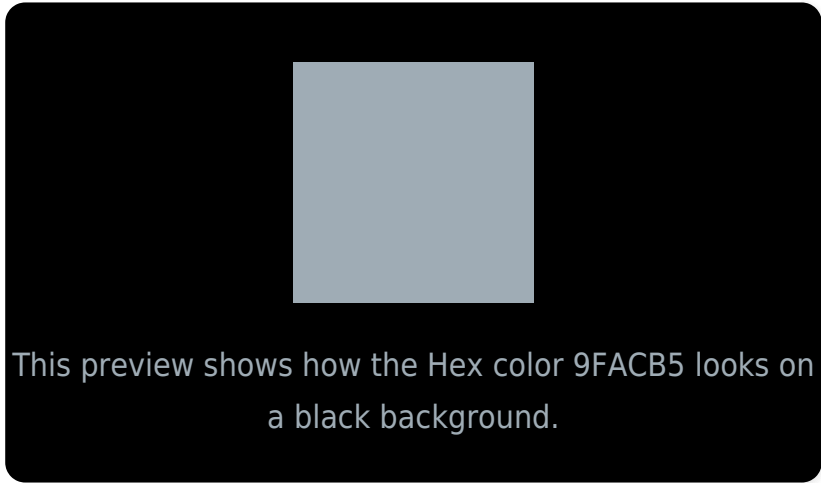
Large Text (above 18pt) WCAG AA × Fail

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

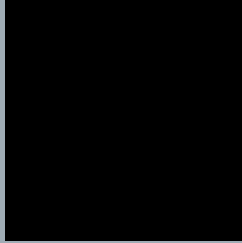
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

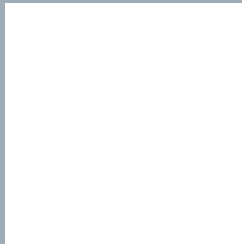
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9FACB5 Background



This preview shows how black text looks on a background with the Hex color 9FACB5.

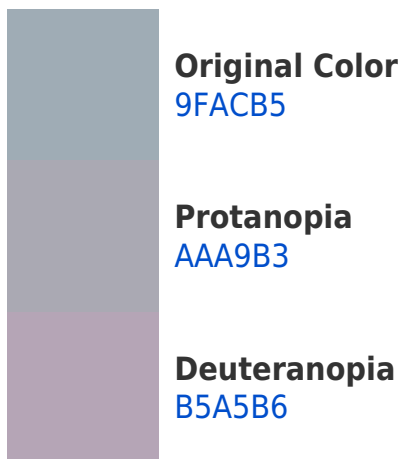


This preview shows how white text looks on a background with the Hex color 9FACB5.

# 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](#).

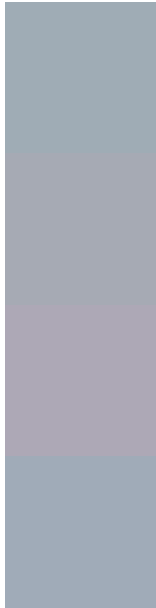
## Dichromacy





**Tritanopia**  
A0ABB9

# Trichromacy



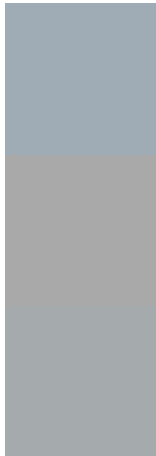
**Original Color**  
9FACB5

**Protanomaly**  
A6AAB4

**Deuteranomaly**  
ADA8B6

**Tritanomaly**  
A0ABB8

# Monochromacy



**Original Color**  
9FACB5

**Achromatopsia**  
A9A9A9

**Achromatomaly**  
A5AAAD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9FACB5 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 #9FACB5 looks like.

```
.text, #text, p{  
    color:#9FACB5  
}
```

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 #9FACB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FACB5
}
```

## Border

The CSS property to change the border of an element to Hex 9FACB5 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
#9FACB5 }
```

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

```
.border{ border-color:#9FACB5 }
```

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

Here you see how a box with a 4 pixel #9FACB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FACB5; -webkit-box-shadow:4px 4px  
4px 4px #9FACB5; box-shadow:4px 4px 4px  
4px #9FACB5 }
```

# Background

The CSS property to change the background color of an element to Hex 9FACB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FACB5 }
```

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

```
.background{ background-color:#9FACB5 }
```

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