

# Converting Colors

Hex(9FA9C4)

Have a look what the booklet for  
Hex(9FA9C4) contains.

<b>Hex(9FA9C4)</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(9FA9C4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9FA9C4
RGB	159, 169, 196
RGB Percent	62%, 66%, 77%
CMY	0.3765, 0.3373, 0.2314
CMYK	0.19, 0.14, 0.00, 0.23
HSL	224°, 24%, 70%
HSV	224°, 19%, 77%
XYZ	38.4498, 39.7324, 57.8671
YIQ	169.0880, -14.6270, 6.2770

# Conversions

## Conversions Part 2

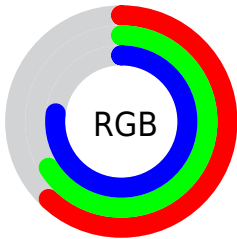
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 167, 196
Decimal	10463684
CIE <sub>Lab</sub>	69.28, 2.21, -14.97
CIE <sub>LCh</sub>	69, 15.133, 278.400
Yxy	39.7324, 0.2826, 0.2920
Android (android.graphics.Color)	4288653764 (0xFF9FA9C4)
YUV	169.0880, 13.2676, -8.8472
Hunter-Lab	63.0336, -1.4257, -10.3068

# Details

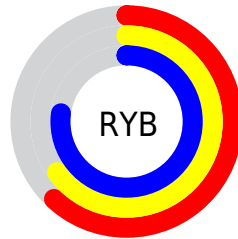
The Hex color **9FA9C4** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C4BA9F**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **D6E0FD**, and **6B758E** is the 20% darker color. If you saturate the color by 10%, you get **8B9BC4**, and if you desaturate by 10%, it is **B3B7C4**.

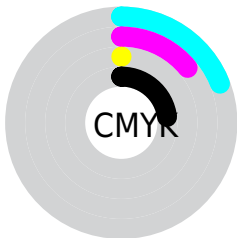
# Distribution



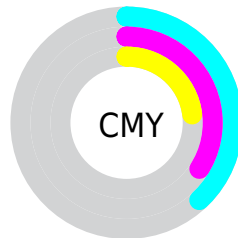
- Red (62%)
- Green (66%)
- Blue (77%)



- Red (62%)
- Yellow (65%)
- Blue (77%)



- Cyan (19%)
- Magenta (14%)
- Yellow (0%)
- Black (23%)



- Cyan (38%)
- Magenta (34%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9FA9C4 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 9FA9C4 by changing the saturation by 10% instead.





9FA9C4



9FA9C4

FFFFFF



858FA9



D6E0FD



6B758E



F3FDFD



525C75



3B455C



242F44



0E1A2E



00011A



000000



9FA9C4



9FA9C4

8B9BC4

B3B7C4

788CC4

C6C6C4

647EC4

DAD4C4

5170C4

EDE2C4

3D61C4

FFF1C4

2953C4

FFFFC4

1645C4

0237C4

0035C4

# Harmonies

## Analogous

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



8FADC2



9FA9C4



B1A4BF

# Triad

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



9FA9C4



C5A199



92B09F

# Complementary

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



9FA9C4



C4BA9F

# 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.



A0AE93



9FA9C4



BDA590

# Square

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



9FA9C4



C6A0A6



B0A98E



87B1AD

# Rectangle

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



9FA9C4



BAA2B8



B0A98E



96B09A



# Sweetspot

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



9FA9C4



F0F4FF



9FC4BA



777980



000000



808080



# Same Dimension

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



9FA9C4



C4D4FF



A79FC4



575A61



002BA1



000921



# Inverse Universe

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



C49FA9



FFC4D4



BCC49F



61575A



A1002B

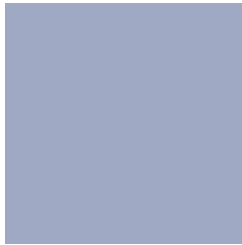


210009



# Previews

## White Background



This preview shows how the Hex color 9FA9C4 looks on a white background.

## Color Contrast Check

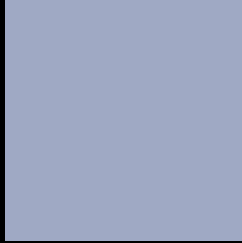
Large Text (above 18pt) WCAG AA × Fail

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 9FA9C4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

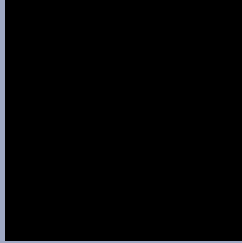
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

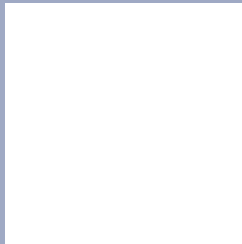
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9FA9C4 Background



This preview shows how black text looks on a background with the Hex color 9FA9C4.



This preview shows how white text looks on a background with the Hex color 9FA9C4.

# 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**  
9FA9C4

**Protanopia**  
A4A8C3

**Deuteranopia**  
ACA5C5



**Tritanopia**  
9DABB9

# Trichromacy



**Original Color**  
9FA9C4

**Protanomaly**  
A2A8C3

**Deuteranomaly**  
A7A6C5

**Tritanomaly**  
9EAABD

# Monochromacy



**Original Color**  
9FA9C4

**Achromatopsia**  
A9A9A9

**Achromatomaly**  
A5A9B3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9FA9C4 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 #9FA9C4 looks like.

```
.text, #text, p{  
    color:#9FA9C4  
}
```

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 #9FA9C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FA9C4
}
```

## Border

The CSS property to change the border of an element to Hex 9FA9C4 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
#9FA9C4 }
```

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

```
.border{ border-color:#9FA9C4 }
```

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

Here you see how a box with a 4 pixel #9FA9C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FA9C4; -webkit-box-shadow:4px 4px  
4px 4px #9FA9C4; box-shadow:4px 4px 4px  
4px #9FA9C4 }
```

# Background

The CSS property to change the background color of an element to Hex 9FA9C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FA9C4 }
```

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

```
.background{ background-color:#9FA9C4 }
```

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