

# Converting Colors

Hex(9E9FA4)

Have a look what the booklet for  
Hex(9E9FA4) contains.

<b>Hex(9E9FA4)</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(9E9FA4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9E9FA4
RGB	158, 159, 164
RGB Percent	62%, 62%, 64%
CMY	0.3804, 0.3765, 0.3569
CMYK	0.04, 0.03, 0.00, 0.36
HSL	230°, 3%, 63%
HSV	230°, 4%, 64%
XYZ	33.1995, 34.7457, 40.0787
YIQ	159.2710, -2.2010, 1.3430

# Conversions

## Conversions Part 2

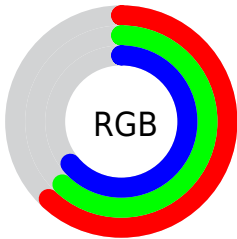
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">158, 159, 164</a>
Decimal	<a href="#">10395556</a>
CIELab	<a href="#">65.55, 0.62, -2.73</a>
CIELCh	<a href="#">66, 2.799, 282.776</a>
Yxy	<a href="#">34.7457, 0.3073, 0.3216</a>
Android (android.graphics.Color)	<a href="#">4288585636</a> ( <a href="#">0xFF9E9FA4</a> )
YUV	<a href="#">159.2710, 2.3314, -1.1147</a>
Hunter-Lab	<a href="#">58.9455, -2.6191, 0.9489</a>

# Details

The Hex color **9E9FA4** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A4A39E**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **D5D6DB**, and **6B6C70** is the 20% darker color. If you saturate the color by 10%, you get **8E91A4**, and if you desaturate by 10%, it is **AEADA4**.

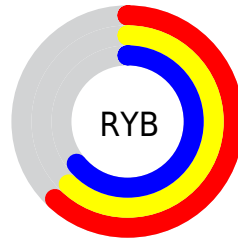
# Distribution



Red (62%)

Green (62%)

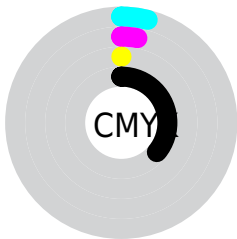
Blue (64%)



Red (62%)

Yellow (62%)

Blue (64%)

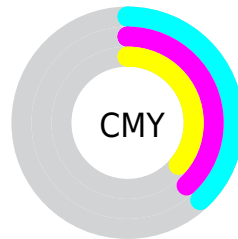


Cyan (4%)

Magenta (3%)

Yellow (0%)

Black (36%)



Cyan (38%)

Magenta (38%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E9FA4 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 9E9FA4 by changing the saturation by 10% instead.





9E9FA4



9E9FA4

FFFFFF



84858A



D5D6DB



6B6C70



F1F2F7



535358



3C3C41



26272B



111216



000000



9E9FA4



9E9FA4



8E91A4



AEADA4

7D84A4

BFBAA4

6D76A4

CFC8A4

5C68A4

E0D6A4

4C5BA4

F0E3A4

3C4DA4

FFF1A4

2B3FA4

FFFA4

1B32A4

0A24A4

# Harmonies

## Analogous

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



9BA0A4



9E9FA4



A19EA3

# Triad

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



9E9FA4



A59E9C



9BA19E

# Complementary

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



9E9FA4



A4A39E

# 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.



9DA09B



9E9FA4



A39F9A

# Square

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



9E9FA4



A59E9E



A09F9A



99A1A0

# Rectangle

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



9E9FA4



A39EA1



A09F9A



9BA09D



# Sweetspot

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



9E9FA4



D4D4D6



9EA4A3



6A6A6B



EBEBEB



6B6B6B

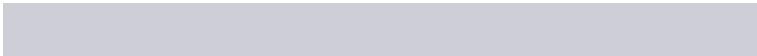


# Same Dimension

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



9E9FA4



CECFD6



A09EA4



4E4E52



001891



000312



# Inverse Universe

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



A49E9F



D6CECF



A2A49E



524E4E



910018



120003



# Previews

## White Background



This preview shows how the Hex color 9E9FA4 looks on a white background.

## Color Contrast Check

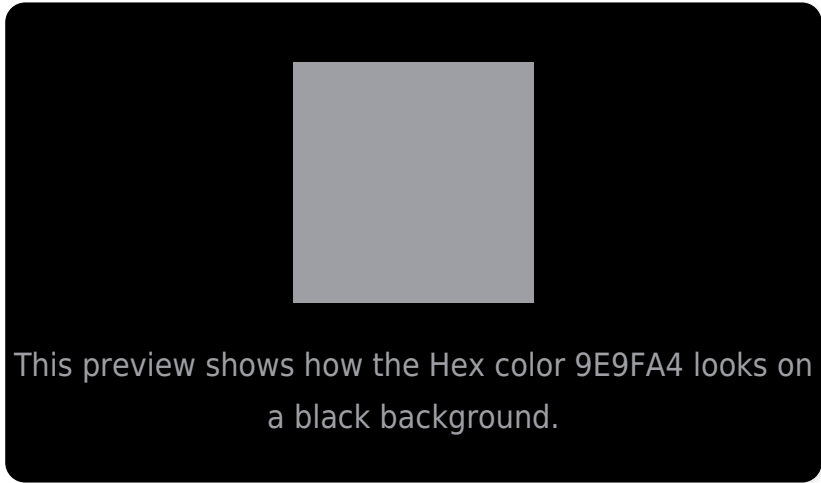
Large Text (above 18pt) WCAG AA × Fail

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

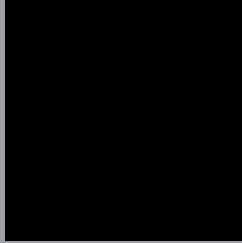
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9E9FA4 Background



This preview shows how black text looks on a background with the Hex color 9E9FA4.



This preview shows how white text looks on a background with the Hex color 9E9FA4.

# 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**  
9E9FA4

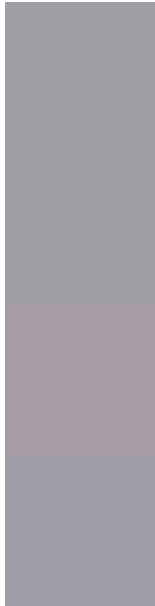
**Protanopia**  
A19EA4

**Deuteranopia**  
AC9AA5



**Tritanopia**  
9F9EAA

# Trichromacy



**Original Color**  
9E9FA4

**Protanomaly**  
A09EA4

**Deuteranomaly**  
A79CA5

**Tritanomaly**  
9F9EA8

# Monochromacy



**Original Color**  
9E9FA4

**Achromatopsia**  
9F9F9F

**Achromatomaly**  
9F9FA1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E9FA4 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 #9E9FA4 looks like.

```
.text, #text, p{  
    color:#9E9FA4  
}
```

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 #9E9FA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E9FA4
}
```

## Border

The CSS property to change the border of an element to Hex 9E9FA4 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
#9E9FA4 }
```

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

```
.border{ border-color:#9E9FA4 }
```

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

Here you see how a box with a 4 pixel #9E9FA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E9FA4; -webkit-box-shadow:4px 4px  
4px 4px #9E9FA4; box-shadow:4px 4px 4px  
4px #9E9FA4 }
```

# Background

The CSS property to change the background color of an element to Hex 9E9FA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E9FA4 }
```

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

```
.background{ background-color:#9E9FA4 }
```

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