

# Converting Colors

Hex(9E9EC4)

Have a look what the booklet for  
Hex(9E9EC4) contains.

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# **Color**

**Hex(9E9EC4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9E9EC4
RGB	158, 158, 196
RGB Percent	62%, 62%, 77%
CMY	0.3804, 0.3804, 0.2314
CMYK	0.19, 0.19, 0.00, 0.23
HSL	240°, 24%, 69%
HSV	240°, 19%, 77%
XYZ	36.2912, 35.7083, 57.2042
YIQ	162.3320, -12.1980, 11.8180

# Conversions

## Conversions Part 2

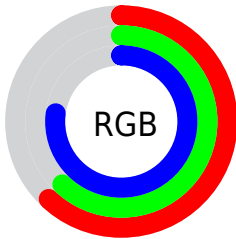
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">158, 158, 196</a>
Decimal	<a href="#">10395332</a>
CIELab	<a href="#">66.30, 8.01, -19.49</a>
CIElCh	<a href="#">66, 21.072, 292.341</a>
Yxy	<a href="#">35.7083, 0.2809, 0.2764</a>
Android (android.graphics.Color)	<a href="#">4288585412 (0xFF9E9EC4)</a>
YUV	<a href="#">162.3320, 16.5983, -3.7992</a>
Hunter-Lab	<a href="#">59.7565, 3.8326, -14.9281</a>

# Details

The Hex color **9E9EC4** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C4C49E**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **D5D5FD**, and **6A6B8E** is the 20% darker color. If you saturate the color by 10%, you get **8A8AC4**, and if you desaturate by 10%, it is **B2B2C4**.

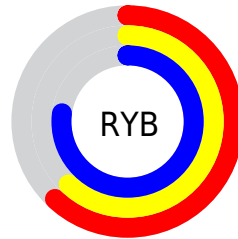
# Distribution



Red (62%)

Green (62%)

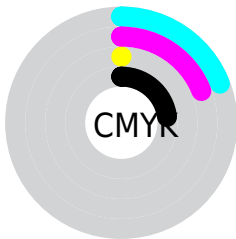
Blue (77%)



Red (62%)

Yellow (62%)

Blue (77%)

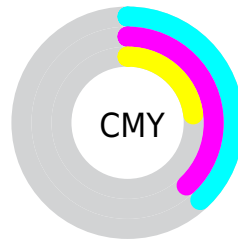


Cyan (19%)

Magenta (19%)

Yellow (0%)

Black (23%)



Cyan (38%)

Magenta (38%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E9EC4 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 9E9EC4 by changing the saturation by 10% instead.





9E9EC4



9E9EC4

FFFFFF



8484A9



D5D5FD



6A6B8E



F2F1FF



515375



3A3C5C



232644



0D122E



000119



000000



9E9EC4



9E9EC4

 8A8AC4

 B2B2C4

 7777C4

 C5C5C4

 6363C4

 D9D9C4

 5050C4

 ECECC4

 3C3CC4

 FFFFC4

 2828C4

 1515C4

 0101C4

 0000C4

# Harmonies

## Analogous

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



84A4C6



9E9EC4



B598B8

# Triad

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



9E9EC4



C29884



77AC9B

# Complementary

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



9E9EC4



C4C49E

# 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.



8BA98A



9E9EC4



B49E7C

# Square

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



9E9EC4



C89494



A0A47E



6CACAF

# Rectangle

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



9E9EC4



C095AD



A0A47E



7DAB95



# Sweetspot

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



9E9EC4



F0F0FF



9EC4C4



777780



000000



808080



# Same Dimension

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



9E9EC4



C4C4FF



B19EC4



575761



0000A1



000021



# Inverse Universe

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



C49EC4



FFC4FF



B1C49E



615761



A100A1

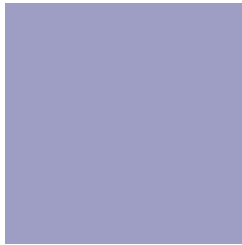


210021



# Previews

## White Background



This preview shows how the Hex color 9E9EC4 looks on a white background.

## Color Contrast Check

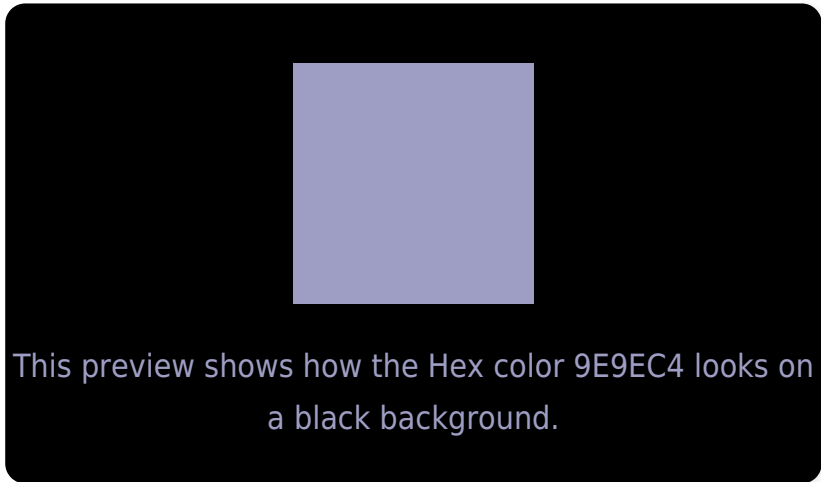
Large Text (above 18pt) WCAG AA × Fail

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

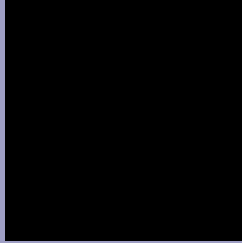
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9E9EC4 Background



This preview shows how black text looks on a background with the Hex color 9E9EC4.



This preview shows how white text looks on a background with the Hex color 9E9EC4.

# 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**  
9E9EC4

**Protanopia**  
99A0C5

**Deuteranopia**  
9F9EC4



**Tritanopia**  
9AA2AF

# Trichromacy



**Original Color**  
9E9EC4

**Protanomaly**  
9B9FC5

**Deuteranomaly**  
9F9EC4

**Tritanomaly**  
9BA1B7

# Monochromacy



**Original Color**  
9E9EC4

**Achromatopsia**  
A2A2A2

**Achromatomaly**  
A1A1AE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E9EC4 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 #9E9EC4 looks like.

```
.text, #text, p{  
    color:#9E9EC4  
}
```

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 #9E9EC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E9EC4
}
```

## Border

The CSS property to change the border of an element to Hex 9E9EC4 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
#9E9EC4 }
```

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

```
.border{ border-color:#9E9EC4 }
```

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

Here you see how a box with a 4 pixel #9E9EC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E9EC4; -webkit-box-shadow:4px 4px  
4px 4px #9E9EC4; box-shadow:4px 4px 4px  
4px #9E9EC4 }
```

# Background

The CSS property to change the background color of an element to Hex 9E9EC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E9EC4 }
```

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

```
.background{ background-color:#9E9EC4 }
```

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](#).



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