

# Converting Colors

Hex(9E9DC3)

Have a look what the booklet for  
Hex(9E9DC3) contains.

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# **Color**

**Hex(9E9DC3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9E9DC3
RGB	158, 157, 195
RGB Percent	62%, 62%, 76%
CMY	0.3804, 0.3843, 0.2353
CMYK	0.19, 0.19, 0.00, 0.24
HSL	242°, 24%, 69%
HSV	242°, 19%, 76%
XYZ	36.0078, 35.3232, 56.5500
YIQ	161.6310, -11.6020, 12.0300

# Conversions

## Conversions Part 2

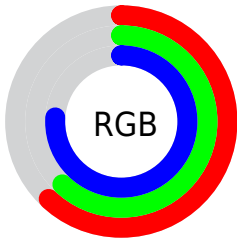
Format	Color
<a href="#">RYB</a>	<a href="#">158, 157, 195</a>
Decimal	<a href="#">10395075</a>
CIELab	<a href="#">66.00, 8.34, -19.39</a>
CIELCh	<a href="#">66, 21.104, 293.288</a>
Yxy	<a href="#">35.3232, 0.2816, 0.2762</a>
Android (android.graphics.Color)	<a href="#">4288585155 (0xFF9E9DC3)</a>
YUV	<a href="#">161.6310, 16.4509, -3.1844</a>
Hunter-Lab	<a href="#">59.4333, 4.1365, -14.8103</a>

# Details

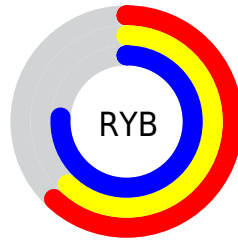
The Hex color **9E9DC3** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C2C39D**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **D5D4FC**, and **6A6A8D** is the 20% darker color. If you saturate the color by 10%, you get **8B8AC3**, and if you desaturate by 10%, it is **B1B1C3**.

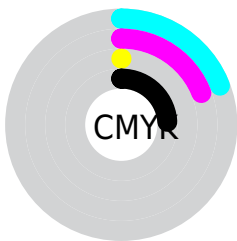
# Distribution



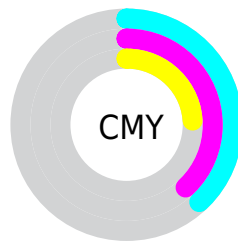
- Red (62%)
- Green (62%)
- Blue (76%)



- Red (62%)
- Yellow (62%)
- Blue (76%)



- Cyan (19%)
- Magenta (19%)
- Yellow (0%)
- Black (24%)



- Cyan (38%)
- Magenta (38%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E9DC3 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 9E9DC3 by changing the saturation by 10% instead.





9E9DC3



9E9DC3

FFFFFF



8483A8



D5D4FC



6A6A8D



F2F0FF



515274



3A3B5B



232543



0D112D



000118



000000



9E9DC3



9E9DC3

8B8AC3

B1B1C3

7876C3

C4C4C3

6563C3

D7D8C3

524FC3

EAEB C3

3F3CC3

FDFFC3

2C28C3

FFFFC3

1915C3

0601C3

0500C3

# Harmonies

## Analogous

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



84A3C6



9E9DC3



B597B7

# Triad

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



9E9DC3



C19883



76AB9B

# Complementary

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



9E9DC3



C2C39D

# 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.



89A889



9E9DC3



B39E7B

# Square

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



9E9DC3



C79492



9FA47D



6BABAF

# Rectangle

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



9E9DC3



C094AC



9FA47D



7CAA95



# Sweetspot

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



9E9DC3



EEEDFC



9DC2C3



777780



000000



808080



# Same Dimension

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



9E9DC3



C4C2FC



B19DC3



575761



0400A1



010021



# Inverse Universe

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



C39DC2



FCC2FB



AFC39D



615761



A1009C

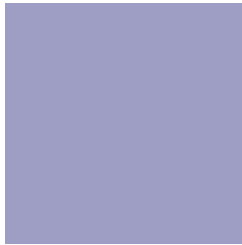


210020



# Previews

## White Background



This preview shows how the Hex color 9E9DC3 looks on a white background.

## Color Contrast Check

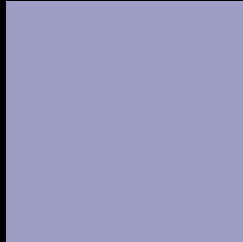
Large Text (above 18pt) WCAG AA × Fail

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 9E9DC3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

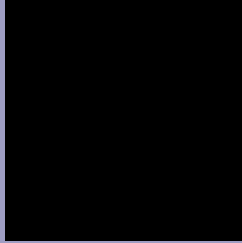
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9E9DC3 Background



This preview shows how black text looks on a background with the Hex color 9E9DC3.



This preview shows how white text looks on a background with the Hex color 9E9DC3.

# 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**  
9E9DC3

**Protanopia**  
989FC4

**Deuteranopia**  
9E9DC3



**Tritanopia**  
9AA1AE

# Trichromacy



**Original Color**  
9E9DC3

**Protanomaly**  
9A9EC4

**Deuteranomaly**  
9E9DC3

**Tritanomaly**  
9BA0B6

# Monochromacy



**Original Color**  
9E9DC3

**Achromatopsia**  
A2A2A2

**Achromatomaly**  
A1A0AE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E9DC3 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 #9E9DC3 looks like.

```
.text, #text, p{  
    color:#9E9DC3  
}
```

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 #9E9DC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E9DC3
}
```

## Border

The CSS property to change the border of an element to Hex 9E9DC3 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
#9E9DC3 }
```

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

```
.border{ border-color:#9E9DC3 }
```

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

Here you see how a box with a 4 pixel #9E9DC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E9DC3; -webkit-box-shadow:4px 4px  
4px 4px #9E9DC3; box-shadow:4px 4px 4px  
4px #9E9DC3 }
```

# Background

The CSS property to change the background color of an element to Hex 9E9DC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E9DC3 }
```

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

```
.background{ background-color:#9E9DC3 }
```

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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