

# Converting Colors

Hex(9E84C8)

Have a look what the booklet for  
Hex(9E84C8) contains.

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# **Color**

**Hex(9E84C8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9E84C8
RGB	158, 132, 200
RGB Percent	62%, 52%, 78%
CMY	0.3804, 0.4824, 0.2157
CMYK	0.21, 0.34, 0.00, 0.22
HSL	263°, 38%, 65%
HSV	263°, 34%, 78%
XYZ	32.7771, 27.9418, 58.3093
YIQ	147.5260, -6.3320, 26.6600

# Conversions

## Conversions Part 2

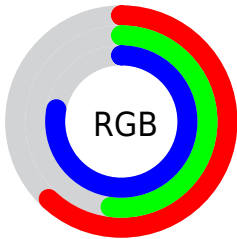
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 132, 200
Decimal	10388680
CIE <sub>Lab</sub>	59.84, 23.75, -31.66
CIE <sub>LCh</sub>	60, 39.579, 306.873
Yxy	27.9418, 0.2754, 0.2347
Android (android.graphics.Color)	4288578760 (0xFF9E84C8)
YUV	147.5260, 25.8697, 9.1857
Hunter-Lab	52.8600, 18.1784, -28.4003

# Details

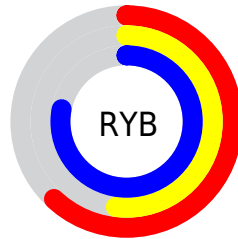
The Hex color **9E84C8** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **AEC884**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **D6B9FF**, and **695292** is the 20% darker color. If you saturate the color by 10%, you get **9270C8**, and if you desaturate by 10%, it is **AA98C8**.

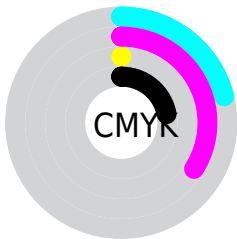
# Distribution



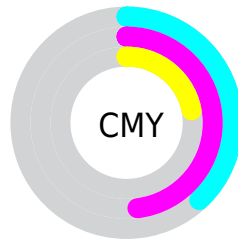
- Red (62%)
- Green (52%)
- Blue (78%)



- Red (62%)
- Yellow (52%)
- Blue (78%)



- Cyan (21%)
- Magenta (34%)
- Yellow (0%)
- Black (22%)



- Cyan (38%)
- Magenta (48%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E84C8 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 9E84C8 by changing the saturation by 10% instead.



 9E84C8

 9E84C8

FFFFFF

 836BAC

 D6B9FF

 695292

 F2D5FF

 503B78

 FFF1FF

 37255F

 1F1047

 0E0030

 00011A

 000000

 9E84C8

 9E84C8

9270C8

AA98C8

855CC8

B7ACC8

7948C8

C3C0C8

6D34C8

CFD4C8

6020C8

DCE8C8

540CC8

E8FCC8

4C00C8

F4FFC8

FFFFC8

# Harmonies

## Analogous

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



6791D5



9E84C8



C278AC

# Triad

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



9E84C8



BC8550



00A297

# Complementary

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



9E84C8



AEC884

# 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.



4BA074



9E84C8



9E9149

# Square

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



9E84C8



CF7968



799A57



00A1B9

# Rectangle

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



9E84C8



CF7495



799A57



1BA28B



# Sweetspot

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



9E84C8



EFE6FF



84AFC8



767080



000000



808080



# Same Dimension

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



9E84C8



BE96FF



BF84C8



5D5A63



3E00A3



0E0024



# Inverse Universe

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



C884AE



FF96D7



8DC884



635A60



A30065

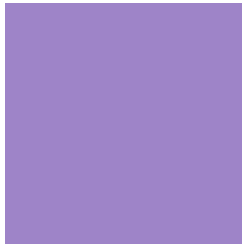


240016



# Previews

## White Background



This preview shows how the Hex color 9E84C8 looks on a white background.

## Color Contrast Check

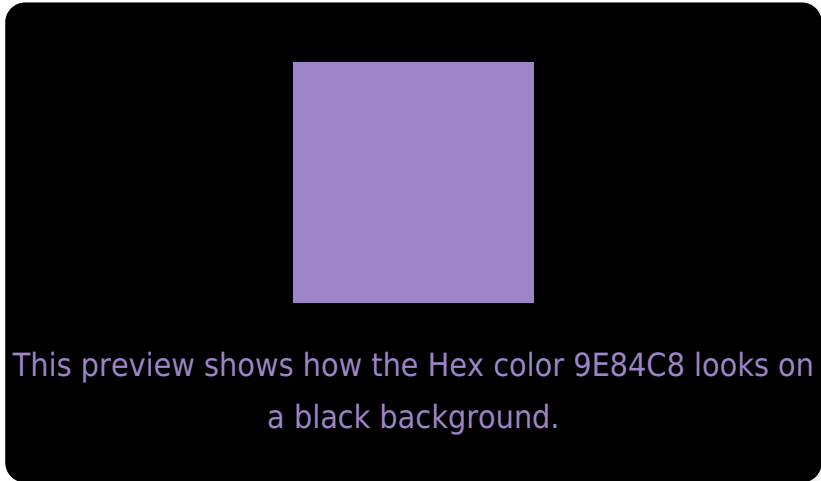
Large Text (above 18pt) WCAG AA ✓ Pass

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

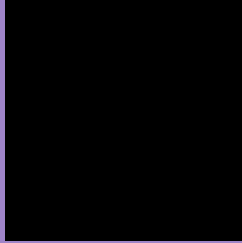
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9E84C8 Background



This preview shows how black text looks on a background with the Hex color 9E84C8.

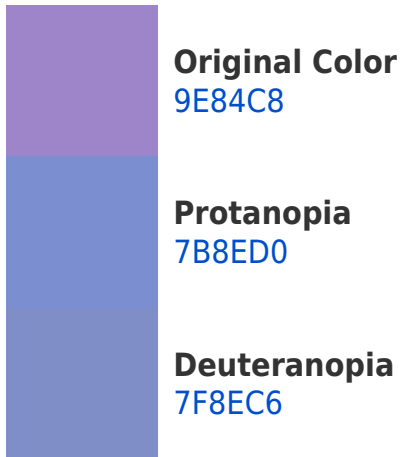


This preview shows how white text looks on a background with the Hex color 9E84C8.

# 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](#).

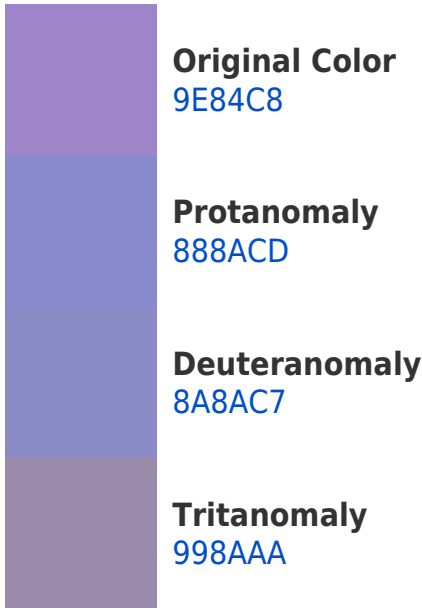
## Dichromacy





**Tritanopia**  
968E99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E84C8 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 #9E84C8 looks like.

```
.text, #text, p{  
    color:#9E84C8  
}
```

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 #9E84C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E84C8
}
```

## Border

The CSS property to change the border of an element to Hex 9E84C8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

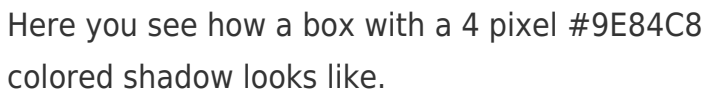
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E84C8 }
```

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

```
.border{ border-color:#9E84C8 }
```

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



Here you see how a box with a 4 pixel #9E84C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E84C8; -webkit-box-shadow:4px 4px  
4px 4px #9E84C8; box-shadow:4px 4px 4px  
4px #9E84C8 }
```

# Background

The CSS property to change the background color of an element to Hex 9E84C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E84C8 }
```

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

```
.background{ background-color:#9E84C8 }
```

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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