

# Converting Colors

Hex(9A84B0)

Have a look what the booklet for  
Hex(9A84B0) contains.

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# Color

**Hex(9A84B0)**

# Conversions

Conversions Part 1	
Format	Color
Hex	9A84B0
RGB	154, 132, 176
RGB Percent	60%, 52%, 69%
CMY	0.3961, 0.4824, 0.3098
CMYK	0.13, 0.25, 0.00, 0.31
HSL	270°, 22%, 60%
HSV	270°, 25%, 69%
XYZ	29.4142, 26.5071, 44.6404
YIQ	143.5940, -1.0120, 18.3480

# Conversions

## Conversions Part 2

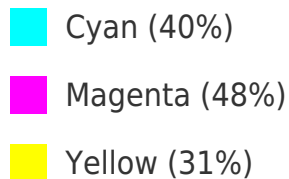
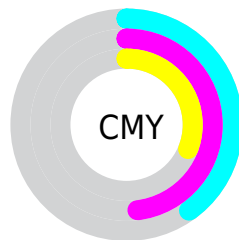
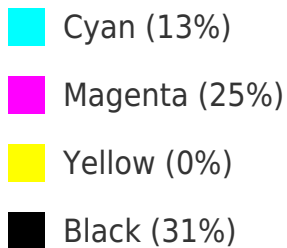
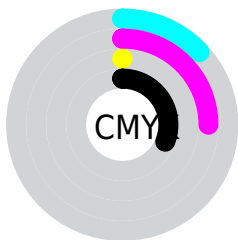
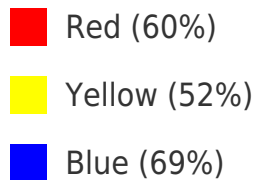
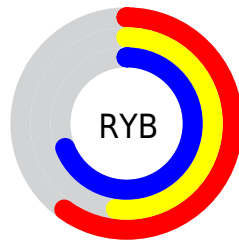
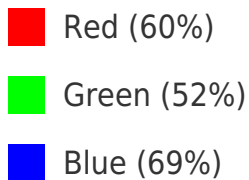
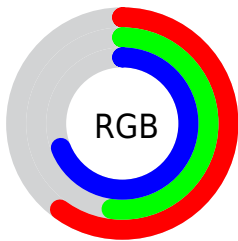
Format	Color
<a href="#">RYB</a>	<a href="#">154, 132, 176</a>
Decimal	<a href="#">10126512</a>
CIELab	<a href="#">58.52, 17.02, -20.10</a>
CIELCh	<a href="#">59, 26.337, 310.245</a>
Yxy	<a href="#">26.5071, 0.2925, 0.2636</a>
Android (android.graphics.Color)	<a href="#">4288316592</a> (0xFF9A84B0)
YUV	<a href="#">143.5940, 15.9762, 9.1261</a>
Hunter-Lab	<a href="#">51.4851, 11.8807, -15.3681</a>

# Details

The Hex color **9A84B0** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **9AB084**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **D1B9E8**, and **66527B** is the 20% darker color. If you saturate the color by 10%, you get **9172B0**, and if you desaturate by 10%, it is **A396B0**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Hex color 9A84B0 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 9A84B0 by changing the saturation by 10% instead.



 9A84B0

FFFFFF

 D1B9E8

 EDD5FF

 FFF1FF

 9A84B0

 806B95

 66527B

 4E3B62

 37254A

 201134


 07001F

 000001

 000000

 9A84B0

 9A84B0

 9172B0

 A396B0

 8861B0

 ACA7B0

 804FB0

 B4B9B0

 773EB0

 BDCAB0

 6E2CB0

 C6DCB0

 651AB0

 CFEEB0

 5C09B0

 D8FFB0

 5800B0

 E0FFB0

 E9FFB0

# Harmonies

## Analogous

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



7A8CBA



9A84B0



B17D9D

# Triad

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



9A84B0



AA8662



499A94

# Complementary

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



9A84B0



9AB084

# 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.



60987C



9A84B0



958E5F

# Square

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



9A84B0



B87F70



7B9469



4398AA

# Rectangle

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



9A84B0



B97C8D



7B9469



50998C



# Sweetspot

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



9A84B0



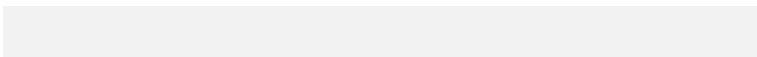
DCD3E6



849AB0



6D6773



F2F2F2



737373



# Same Dimension

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



9A84B0



C3A1E6



B084B0



555059



4D0099



0D001A



# Inverse Universe

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



B0849A



E6A1C3



84B084



595055



99004D

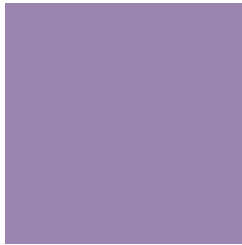


1A000D



# Previews

## White Background



This preview shows how the Hex color 9A84B0 looks on a white background.

## Color Contrast Check

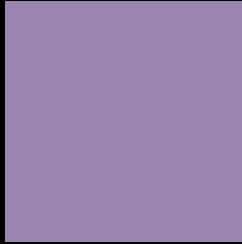
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Hex color 9A84B0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

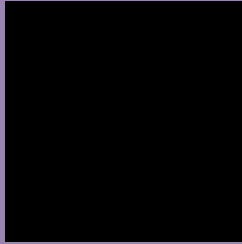
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9A84B0 Background



This preview shows how black text looks on a background with the Hex color 9A84B0.



This preview shows how white text looks on a background with the Hex color 9A84B0.

# 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**

9A84B0

**Protanopia**

828BB5

**Deuteranopia**





898AAF






# Tritanopia

958994

# Trichromacy

	<b>Original Color</b> 9A84B0
	<b>Protanomaly</b> 8B88B3
	<b>Deuteranomaly</b> 8F88AF
	<b>Tritanomaly</b> 97879E

# Monochromacy

	<b>Original Color</b> 9A84B0
	<b>Achromatopsia</b> 909090
	<b>Achromatomaly</b> 948C9C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A84B0 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 #9A84B0 looks like.

```
.text, #text, p{  
    color:#9A84B0  
}
```

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 #9A84B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A84B0
}
```

## Border

The CSS property to change the border of an element to Hex 9A84B0 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
#9A84B0 }
```

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

```
.border{ border-color:#9A84B0 }
```

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

Here you see how a box with a 4 pixel #9A84B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A84B0; -webkit-box-shadow:4px 4px  
4px 4px #9A84B0; box-shadow:4px 4px 4px  
4px #9A84B0 }
```

# Background

The CSS property to change the background color of an element to Hex 9A84B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A84B0 }
```

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

```
.background{ background-color:#9A84B0 }
```

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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