

# Converting Colors

Hex(9A7BB4)

Have a look what the booklet for  
Hex(9A7BB4) contains.

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# Color

Hex(9A7BB4)

# Conversions

## Conversions Part 1

Format	Color
Hex	9A7BB4
RGB	154, 123, 180
RGB Percent	60%, 48%, 71%
CMY	0.3961, 0.5176, 0.2941
CMYK	0.14, 0.32, 0.00, 0.29
HSL	273°, 28%, 59%
HSV	273°, 32%, 71%
XYZ	28.6476, 24.3312, 46.3665
YIQ	138.7670, 0.1790, 24.2990

# Conversions

## Conversions Part 2

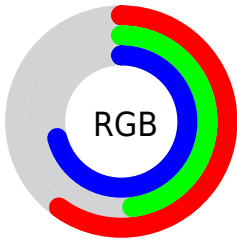
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 123, 180
Decimal	10124212
CIELab	56.42, 23.09, -25.61
CIELCh	56, 34.483, 312.040
Yxy	24.3312, 0.2884, 0.2449
Android (android.graphics.Color)	4288314292 (0xFF9A7BB4)
YUV	138.7670, 20.3279, 13.3593
Hunter-Lab	49.3267, 17.3462, -21.2032

# Details

The Hex color **9A7BB4** is a light color, and the websafe version is hex **996699**. A complement of this color would be **95B47B**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **D1B0EC**, and **664A7F** is the 20% darker color. If you saturate the color by 10%, you get **9269B4**, and if you desaturate by 10%, it is **A28DB4**.

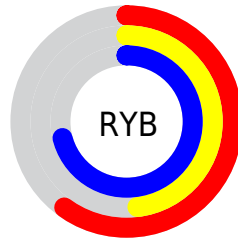
# Distribution



Red (60%)

Green (48%)

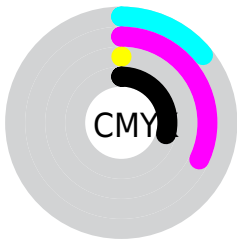
Blue (71%)



Red (60%)

Yellow (48%)

Blue (71%)

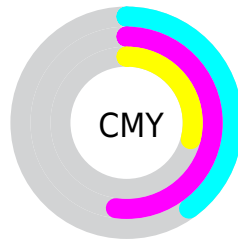


Cyan (14%)

Magenta (32%)

Yellow (0%)

Black (29%)



Cyan (40%)

Magenta (52%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A7BB4 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 9A7BB4 by changing the saturation by 10% instead.



■ 9A7BB4

■ 9A7BB4

FFFFFF

■ 806299

■ D1B0EC

■ 664A7F

■ EECBFF

■ 4D3366

■ FFE8FF

■ 351D4E

■ 1F0736

■ 000021

■ 000005

■ 000000

■ 9A7BB4

■ 9A7BB4

9269B4

A28DB4

8A57B4

AA9FB4

8145B4

B3B1B4

7933B4

BBC3B4

7121B4

C3D5B4

690FB4

CBE7B4

6200B4

D3F9B4

DCFFB4

E4FFB4

# Harmonies

## Analogous

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



6F86C2



9A7BB4



B6729B

# Triad

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



9A7BB4



AA7F4E



059793

# Complementary

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



9A7BB4



95B47B

# 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.



469674



9A7BB4



8F894B

# Square

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



9A7BB4



BC7561



6E915A



0095AF

# Rectangle

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



9A7BB4



BF6F86



6E915A



249788



# Sweetspot

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



9A7BB4



E0D3EB



7B96B4



6F6775



F5F5F5



757575



# Same Dimension

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



9A7BB4



C291EB



B47BB2



555059



530099



0E001A



# Inverse Universe

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



B47B95



EB91BA



7BB47D



595054



990046

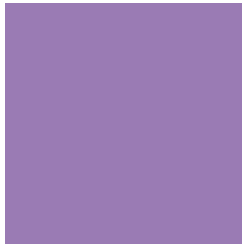


1A000C



# Previews

## White Background



This preview shows how the Hex color 9A7BB4 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

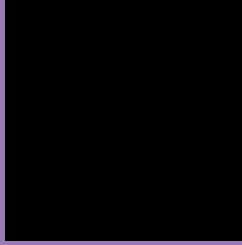
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9A7BB4 Background



This preview shows how black text looks on a background with the Hex color 9A7BB4.



This preview shows how white text looks on a background with the Hex color 9A7BB4.

# 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**  
94838D

# Trichromacy



**Original Color**  
9A7BB4

**Protanomaly**  
8482B9

**Deuteranomaly**  
8881B3

**Tritanomaly**  
96809B

# Monochromacy



**Original Color**  
9A7BB4

**Achromatopsia**  
8B8B8B

**Achromatomaly**  
90859A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A7BB4 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 #9A7BB4 looks like.

```
.text, #text, p{  
    color:#9A7BB4  
}
```

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 #9A7BB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A7BB4
}
```

## Border

The CSS property to change the border of an element to Hex 9A7BB4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

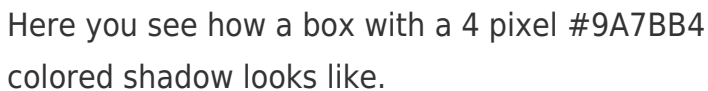
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A7BB4 }
```

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

```
.border{ border-color:#9A7BB4 }
```

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



Here you see how a box with a 4 pixel #9A7BB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A7BB4; -webkit-box-shadow:4px 4px  
4px 4px #9A7BB4; box-shadow:4px 4px 4px  
4px #9A7BB4 }
```

# Background

The CSS property to change the background color of an element to Hex 9A7BB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A7BB4 }
```

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

```
.background{ background-color:#9A7BB4 }
```

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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