

# Converting Colors

Hex(9B7496)

Have a look what the booklet for  
Hex(9B7496) contains.

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**Color**

**Hex(9B7496)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B7496
RGB	155, 116, 150
RGB Percent	61%, 45%, 59%
CMY	0.3922, 0.5451, 0.4118
CMYK	0.00, 0.25, 0.03, 0.39
HSL	308°, 16%, 53%
HSV	308°, 25%, 61%
XYZ	25.2680, 21.6614, 31.7035
YIQ	131.5370, 12.3300, 18.8420

# Conversions

## Conversions Part 2

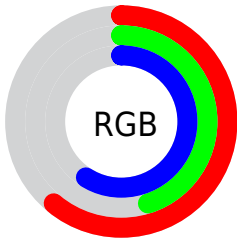
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	155, 116, 150
Decimal	10187926
CIE <sub>Lab</sub>	53.67, 21.22, -12.45
CIE <sub>LCh</sub>	54, 24.597, 329.602
Yxy	21.6614, 0.3213, 0.2755
Android (android.graphics.Color)	4288378006 (0xFF9B7496)
YUV	131.5370, 9.1023, 20.5771
Hunter-Lab	46.5418, 15.4613, -7.8081

# Details

The Hex color **9B7496** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **749B79**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **D2A8CC**, and **674363** is the 20% darker color. If you saturate the color by 10%, you get **9B6594**, and if you desaturate by 10%, it is **9B8498**.

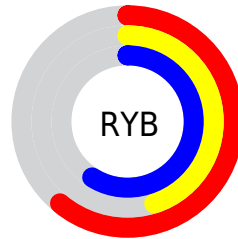
# Distribution



Red (61%)

Green (45%)

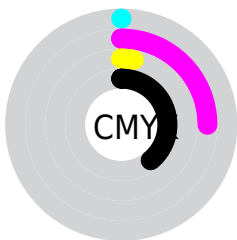
Blue (59%)



Red (61%)

Yellow (45%)

Blue (59%)

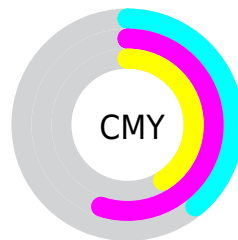


Cyan (0%)

Magenta (25%)

Yellow (3%)

Black (39%)



Cyan (39%)

Magenta (55%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B7496 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 9B7496 by changing the saturation by 10% instead.



 9B7496

 9B7496

FFFFFF

 815B7C

 D2A8CC

 674363

 EEC4E8

 4F2C4B

 FFE0FF

 371735

 FFFCFF

 22001F

 000004

 000000

 9B7496

 9B7496

 9B6594

 9B8498

9B5592

9B939A

9B4690

9BA39C

9B368E

9BB29E

9B278C

9BC2A0

9B178A

9BD1A2

9B0888

9BE1A4

9B0087

9BF0A6

9BFFA8

# Harmonies

## Analogous

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



837BA5



9B7496



A87081

# Triad

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



9B7496



8F7F56



3C8B94

# Complementary

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



9B7496



749B79

# 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.



498C7F



9B7496



79855B

# Square

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



9B7496



A1785C



608A6A



4788A4

# Rectangle

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



9B7496



AB7173



608A6A



3E8C8E



# Sweetspot

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



9B7496



C9B9C7



79749B



665C65



E6E6E6



666666



# Same Dimension

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



9B7496



C98DC2



9B7483



4D454C



8C007A



0D000B



# Inverse Universe

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



9B7496



C98DC2



749B8C



4D454C



8C007A

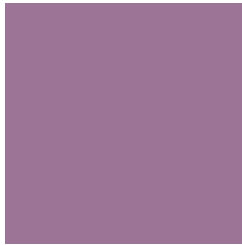


0D000B



# Previews

## White Background



This preview shows how the Hex color 9B7496 looks on a white background.

## Color Contrast Check

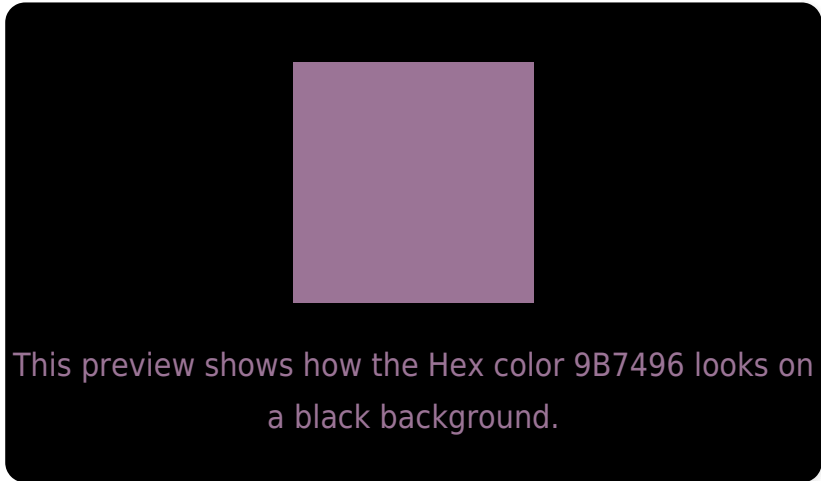
Large Text (above 18pt) WCAG AA ✓ Pass

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

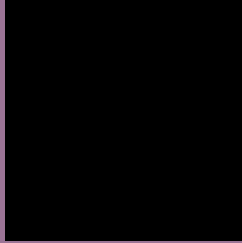
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9B7496 Background



This preview shows how black text looks on a background with the Hex color 9B7496.



This preview shows how white text looks on a background with the Hex color 9B7496.

# 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**  
987881

# Trichromacy



**Original Color**  
9B7496

**Protanomaly**  
867B9B

**Deuteranomaly**  
8C7A95

**Tritanomaly**  
997789

# Monochromacy



**Original Color**  
9B7496

**Achromatopsia**  
848484

**Achromatomaly**  
8C7E8B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B7496 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 #9B7496 looks like.

```
.text, #text, p{  
    color:#9B7496  
}
```

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 #9B7496 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B7496
}
```

## Border

The CSS property to change the border of an element to Hex 9B7496 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
#9B7496 }
```

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

```
.border{ border-color:#9B7496 }
```

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

Here you see how a box with a 4 pixel #9B7496 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B7496; -webkit-box-shadow:4px 4px  
4px 4px #9B7496; box-shadow:4px 4px 4px  
4px #9B7496 }
```

# Background

The CSS property to change the background color of an element to Hex 9B7496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B7496 }
```

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

```
.background{ background-color:#9B7496 }
```

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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