

# Converting Colors

Hex(9E7496)

Have a look what the booklet for  
Hex(9E7496) contains.

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**Color**

**Hex(9E7496)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E7496
RGB	158, 116, 150
RGB Percent	62%, 45%, 59%
CMY	0.3804, 0.5451, 0.4118
CMYK	0.00, 0.27, 0.05, 0.38
HSL	311°, 18%, 54%
HSV	311°, 27%, 62%
XYZ	25.8510, 21.9619, 31.7307
YIQ	132.4340, 14.1180, 19.4780

# Conversions

## Conversions Part 2

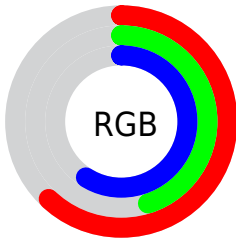
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 116, 150
Decimal	10384534
CIE <sub>Lab</sub>	53.99, 22.29, -11.93
CIE <sub>LCh</sub>	54, 25.280, 331.838
Yxy	21.9619, 0.3250, 0.2761
Android (android.graphics.Color)	4288574614 (0xFF9E7496)
YUV	132.4340, 8.6600, 22.4214
Hunter-Lab	46.8635, 16.4534, -7.3401

# Details

The Hex color **9E7496** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **749E7C**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **D5A8CC**, and **6A4363** is the 20% darker color. If you saturate the color by 10%, you get **9E6493**, and if you desaturate by 10%, it is **9E8499**.

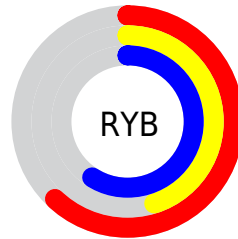
# Distribution



Red (62%)

Green (45%)

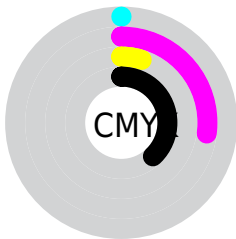
Blue (59%)



Red (62%)

Yellow (45%)

Blue (59%)

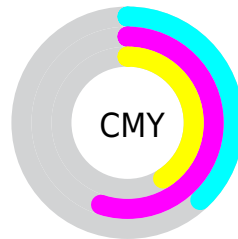


Cyan (0%)

Magenta (27%)

Yellow (5%)

Black (38%)



Cyan (38%)

Magenta (55%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E7496 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 9E7496 by changing the saturation by 10% instead.



 9E7496

 9E7496

FFFFFF

 845B7C

 D5A8CC

 6A4363

 F2C4E8

 512C4B

 FFE0FF

 3A1635

 FFFDFF

 24001F

 000004

 000000

 9E7496

 9E7496

 9E6493

 9E8499

9E5490

9E949C

9E458D

9EA39F

9E358A

9EB3A2

9E2587

9EC3A5

9E1584

9ED3A8

9E0581

9EE3AB

9E0080

9EF2AE

9EFFB1

# Harmonies

## Analogous

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



867BA6



9E7496



AB7181

# Triad

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



9E7496



8F8055



398C97

# Complementary

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



9E7496



749E7C

# 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.



468D82



9E7496



78875B

# Square

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



9E7496



A1795B



5E8B6C



4789A7

# Rectangle

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



9E7496



AD7172



5E8B6C



3B8D90



# Sweetspot

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



9E7496



CFBECB



7C749E



695E67



E8E8E8



696969



# Same Dimension

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



9E7496



CF8CC2



9E7481



4F474E



8F0074



0F000C



# Inverse Universe

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



9E7496



CF8CC2



749E91



4F474E



8F0074

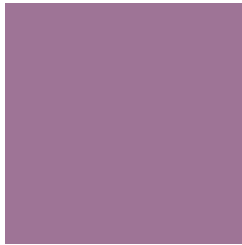


0F000C



# Previews

## White Background



This preview shows how the Hex color 9E7496 looks on a white background.

## Color Contrast Check

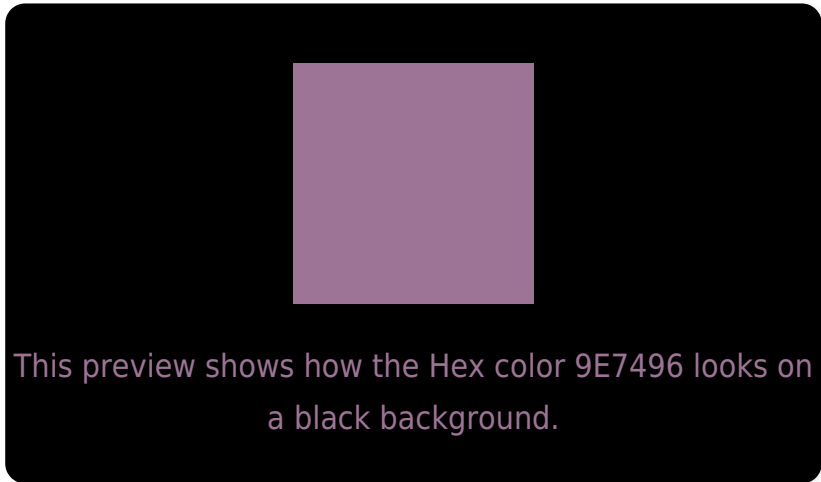
Large Text (above 18pt) WCAG AA ✓ Pass

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

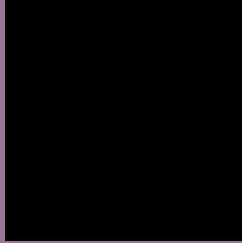
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9E7496 Background



This preview shows how black text looks on a background with the Hex color 9E7496.



This preview shows how white text looks on a background with the Hex color 9E7496.

# 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**  
9B7881

# Trichromacy



**Original Color**  
9E7496

**Protanomaly**  
887C9B

**Deuteranomaly**  
8E7A95

**Tritanomaly**  
9C7789

# Monochromacy



**Original Color**  
9E7496

**Achromatopsia**  
848484

**Achromatomaly**  
8D7E8B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E7496 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 #9E7496 looks like.

```
.text, #text, p{  
    color:#9E7496  
}
```

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 #9E7496 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E7496
}
```

## Border

The CSS property to change the border of an element to Hex 9E7496 is called "border". The border property can be set on classes, ids or directly on the HTML element.

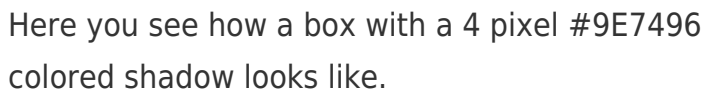
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E7496 }
```

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

```
.border{ border-color:#9E7496 }
```

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



Here you see how a box with a 4 pixel #9E7496 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E7496; -webkit-box-shadow:4px 4px  
4px 4px #9E7496; box-shadow:4px 4px 4px  
4px #9E7496 }
```

# Background

The CSS property to change the background color of an element to Hex 9E7496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E7496 }
```

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

```
.background{ background-color:#9E7496 }
```

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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