

# Converting Colors

Hex(997399)

Have a look what the booklet for  
Hex(997399) contains.

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# Color

**Hex(997399)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	997399
RGB	153, 115, 153
RGB Percent	60%, 45%, 60%
CMY	0.4000, 0.5490, 0.4000
CMYK	0.00, 0.25, 0.00, 0.40
HSL	300°, 16%, 53%
HSV	300°, 25%, 60%
XYZ	25.0174, 21.3337, 32.9362
YIQ	130.6940, 10.4500, 19.8740

# Conversions

## Conversions Part 2

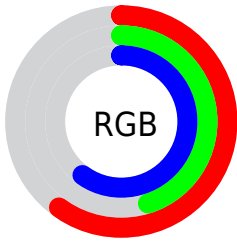
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 115, 153
Decimal	10056601
CIE <sub>Lab</sub>	53.31, 21.67, -14.75
CIE <sub>LCh</sub>	53, 26.216, 325.757
Yxy	21.3337, 0.3155, 0.2691
Android (android.graphics.Color)	4288246681 (0xFF997399)
YUV	130.6940, 10.9969, 19.5624
Hunter-Lab	46.1884, 15.8526, -9.9469

# Details

The Hex color **997399** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **739973**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **D0A7CF**, and **654266** is the 20% darker color. If you saturate the color by 10%, you get **996499**, and if you desaturate by 10%, it is **998299**.

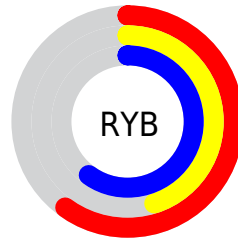
# Distribution



Red (60%)

Green (45%)

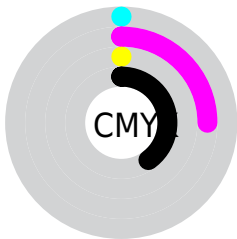
Blue (60%)



Red (60%)

Yellow (45%)

Blue (60%)

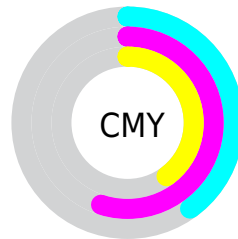


Cyan (0%)

Magenta (25%)

Yellow (0%)

Black (40%)



Cyan (40%)

Magenta (55%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 997399 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 997399 by changing the saturation by 10% instead.



997399

997399

FFFFFF

7F5A7F

D0A7CF

654266

ECC3EC

4D2C4E

FFDFFF

351637

FFFBFF

210022

000008

000000

997399

997399

996499

998299

 995499

 999299

 994599

 99A199

 993699

 99B099

 992799

 99C099

 991799

 99CF99

 990899

 99DE99

 990099

 99ED99

 99FD99

# Harmonies

## Analogous

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



7E7BA8



997399



A96F83

# Triad

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



997399



927D52



338B92

# Complementary

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



997399



739973

# 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.



468B7B



997399



7B8456

# Square

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



997399



A3755B



618965



3C88A4

# Rectangle

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



997399



AC6F74



618965



378C8B



# Sweetspot

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



997399



C7B9C7



737399



635B63



E3E3E3



636363



# Same Dimension

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



997399



C78BC7



997386



4D454D



8C008C



0D000D



# Inverse Universe

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



997399



C78BC7



739986



4D454D



8C008C

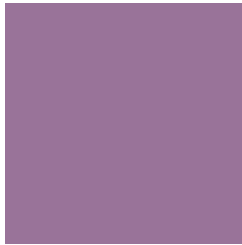


0D000D



# Previews

## White Background



This preview shows how the Hex color 997399 looks on a white background.

## Color Contrast Check

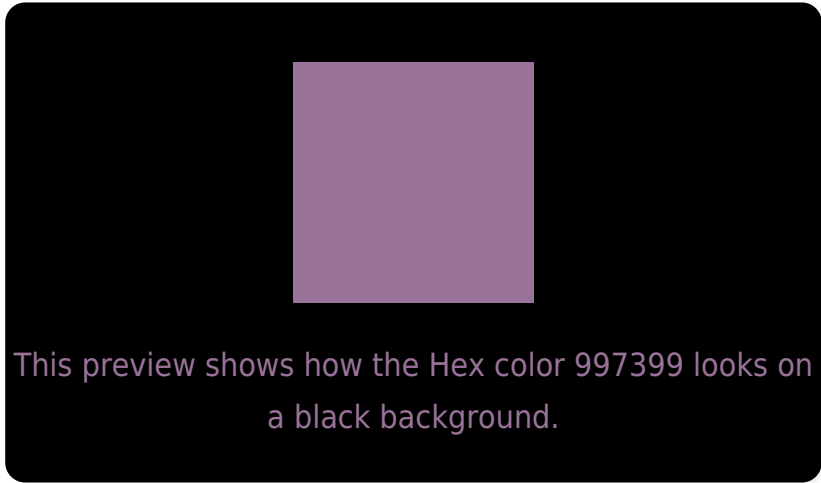
Large Text (above 18pt) WCAG AA ✓ Pass

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

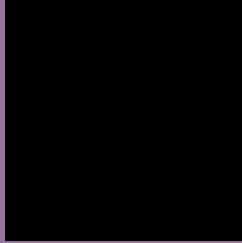
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 997399 Background



This preview shows how black text looks on a background with the Hex color 997399.



This preview shows how white text looks on a background with the Hex color 997399.

# 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**  
967781

# Trichromacy



**Original Color**  
997399

**Protanomaly**  
837A9E

**Deuteranomaly**  
897998

**Tritanomaly**  
97768A

# Monochromacy



**Original Color**  
997399

**Achromatopsia**  
838383

**Achromatomaly**  
8B7D8B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 997399 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 #997399 looks like.

```
.text, #text, p{  
    color:#997399  
}
```

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 #997399 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #997399
}
```

## Border

The CSS property to change the border of an element to Hex 997399 is called "border". The border property can be set on classes, ids or directly on the HTML element.

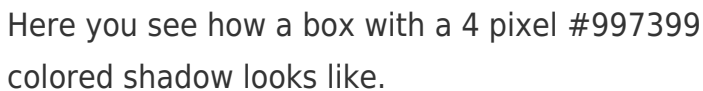
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#997399 }
```

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

```
.border{ border-color:#997399 }
```

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



Here you see how a box with a 4 pixel #997399 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #997399; -webkit-box-shadow:4px 4px  
4px 4px #997399; box-shadow:4px 4px 4px  
4px #997399 }
```

# Background

The CSS property to change the background color of an element to Hex 997399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#997399 }
```

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

```
.background{ background-color:#997399 }
```

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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