

# Converting Colors

Hex(997599)

Have a look what the booklet for  
Hex(997599) contains.

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# Color

**Hex(997599)**

# Conversions

## Conversions Part 1

Format	Color
Hex	997599
RGB	153, 117, 153
RGB Percent	60%, 46%, 60%
CMY	0.4000, 0.5412, 0.4000
CMYK	0.00, 0.24, 0.00, 0.40
HSL	300°, 15%, 53%
HSV	300°, 24%, 60%
XYZ	25.2479, 21.7948, 33.0131
YIQ	131.8680, 9.9000, 18.8280

# Conversions

## Conversions Part 2

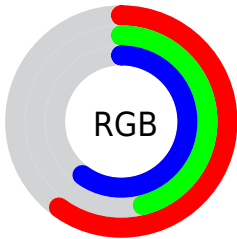
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 117, 153
Decimal	10057113
CIE <sub>Lab</sub>	53.81, 20.52, -14.00
CIE <sub>LCh</sub>	54, 24.838, 325.688
Yxy	21.7948, 0.3154, 0.2722
Android (android.graphics.Color)	4288247193 (0xFF997599)
YUV	131.8680, 10.4181, 18.5328
Hunter-Lab	46.6849, 14.8371, -9.2473

# Details

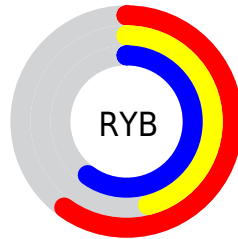
The Hex color **997599** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **759975**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **D0A9CF**, and **654466** is the 20% darker color. If you saturate the color by 10%, you get **996699**, and if you desaturate by 10%, it is **998499**.

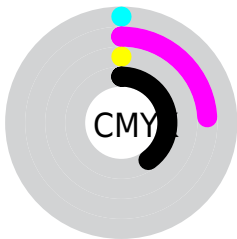
# Distribution



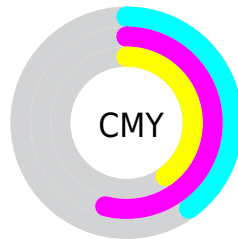
- Red (60%)
- Green (46%)
- Blue (60%)



- Red (60%)
- Yellow (46%)
- Blue (60%)



- Cyan (0%)
- Magenta (24%)
- Yellow (0%)
- Black (40%)



- Cyan (40%)
- Magenta (54%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 997599 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 997599 by changing the saturation by 10% instead.





997599



997599

FFFFFF



7F5C7F



D0A9CF



654466



ECC5EC



4D2D4E



FFE1FF



361837

FFFEFF



210022



000008



000000



997599



997599



996699



998499

 995699

 999499

 994799

 99A399

 993899

 99B299

 992899

 99C299

 991999

 99D199

 990A99

 99E099

 990099

 99EF99

 99FF99

# Harmonies

## Analogous

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



7F7CA7



997599



A87185

# Triad

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



997599



927E56



3B8C92

# Complementary

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



997599



759975

# 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.



4B8C7D



997599



7C855A

# Square

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



997599



A3775E



648A68



4489A3

# Rectangle

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



997599



AB7176



648A68



3F8C8B



# Sweetspot

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



997599



C7B9C7



757599



635B63



E3E3E3



636363



# Same Dimension

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



997599



C78FC7



997587



4D454D



8C008C



0D000D



# Inverse Universe

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



997599



C78FC7



759987



4D454D



8C008C

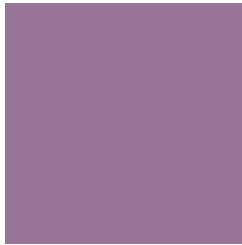


0D000D



# Previews

## White Background



This preview shows how the Hex color 997599 looks on a white background.

## Color Contrast Check

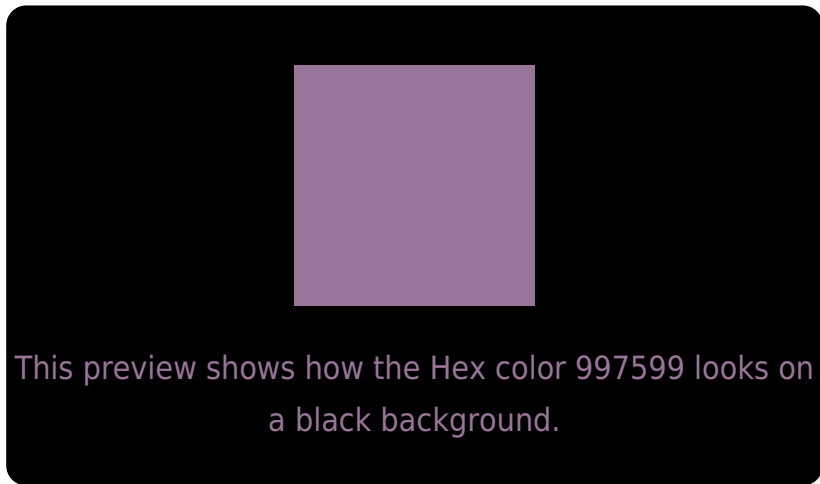
Large Text (above 18pt) WCAG AA ✓ Pass

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

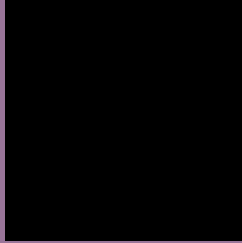
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 997599 Background



This preview shows how black text looks on a background with the Hex color 997599.

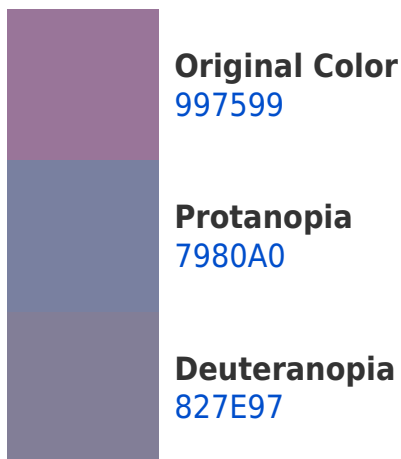


This preview shows how white text looks on a background with the Hex color 997599.

# 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**  
967983

# Trichromacy



**Original Color**  
997599

**Protanomaly**  
857C9D

**Deuteranomaly**  
8A7B98

**Tritanomaly**  
97788B

# Monochromacy



**Original Color**  
997599

**Achromatopsia**  
848484

**Achromatomaly**  
8C7F8C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 997599 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 #997599 looks like.

```
.text, #text, p{  
    color:#997599  
}
```

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 #997599 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #997599
}
```

## Border

The CSS property to change the border of an element to Hex 997599 is called "border". The border property can be set on classes, ids or directly on the HTML element.

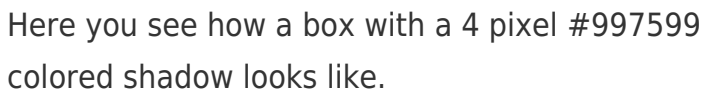
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#997599 }
```

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

```
.border{ border-color:#997599 }
```

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



Here you see how a box with a 4 pixel #997599 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #997599; -webkit-box-shadow:4px 4px  
4px 4px #997599; box-shadow:4px 4px 4px  
4px #997599 }
```

# Background

The CSS property to change the background color of an element to Hex 997599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#997599 }
```

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

```
.background{ background-color:#997599 }
```

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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