

# Converting Colors

Hex(99297F)

Have a look what the booklet for  
Hex(99297F) contains.

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# Color

**Hex(99297F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	99297F
RGB	153, 41, 127
RGB Percent	60%, 16%, 50%
CMY	0.4000, 0.8392, 0.5020
CMYK	0.00, 0.73, 0.17, 0.40
HSL	314°, 58%, 38%
HSV	314°, 73%, 60%
XYZ	17.7606, 9.8905, 21.0516
YIQ	84.2920, 39.1460, 50.4900

# Conversions

## Conversions Part 2

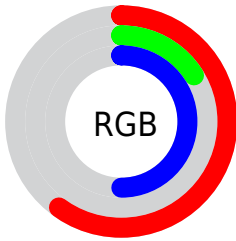
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 41, 127
Decimal	10037631
CIE <sub>Lab</sub>	37.65, 54.62, -23.16
CIE <sub>LCh</sub>	38, 59.330, 337.027
Yxy	9.8905, 0.3647, 0.2031
Android (android.graphics.Color)	4288227711 (0xFF99297F)
YUV	84.2920, 21.0550, 60.2569
Hunter-Lab	31.4491, 45.7700, -17.6735

# Details

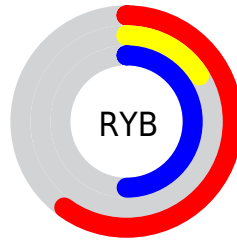
The Hex color **99297F** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **299943**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **D261B4**, and **62004E** is the 20% darker color. If you saturate the color by 10%, you get **991A7B**, and if you desaturate by 10%, it is **993883**.

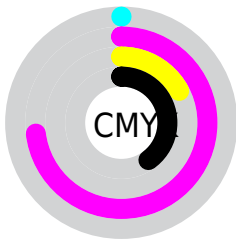
# Distribution



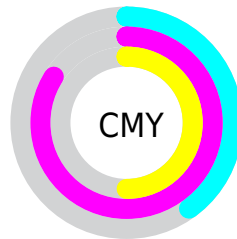
- Red (60%)
- Green (16%)
- Blue (50%)



- Red (60%)
- Yellow (16%)
- Blue (50%)



- Cyan (0%)
- Magenta (73%)
- Yellow (17%)
- Black (40%)



- Cyan (40%)
- Magenta (84%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99297F 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 99297F by changing the saturation by 10% instead.



 99297F

 99297F

FFFFFF

 7D0066

 D261B4

 62004E

 F07CD0

 470036

 FF98EC

 300021

 FFB4FF

 010005

 FFD0FF

 000000

 FFEEFF

 99297F

 99297F

 991A7B

 993883

990A78

994886

990075

99578A

99668D

997591

998594

999498

99A39B

99B39F

# Harmonies

## Analogous

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



6546A6



99297F



AB1850

# Triad

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



99297F



625A00



006D92

# Complementary

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



99297F



299943

# 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.



006D63



99297F



2D6500

# Square

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



99297F



894800



006B30



0068B1

# Rectangle

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



99297F



A82530



006B30



006D83



# Sweetspot

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



99297F



C79BBD



412999



634A5D



E3E3E3



636363



# Same Dimension

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



99297F



C7189E



992949



4D454B



8C006C



0D000A



# Inverse Universe

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



99297F



C7189E



299979



4D454B



8C006C



0D000A



# Previews

## White Background



This preview shows how the Hex color 99297F looks on a white background.

## Color Contrast Check

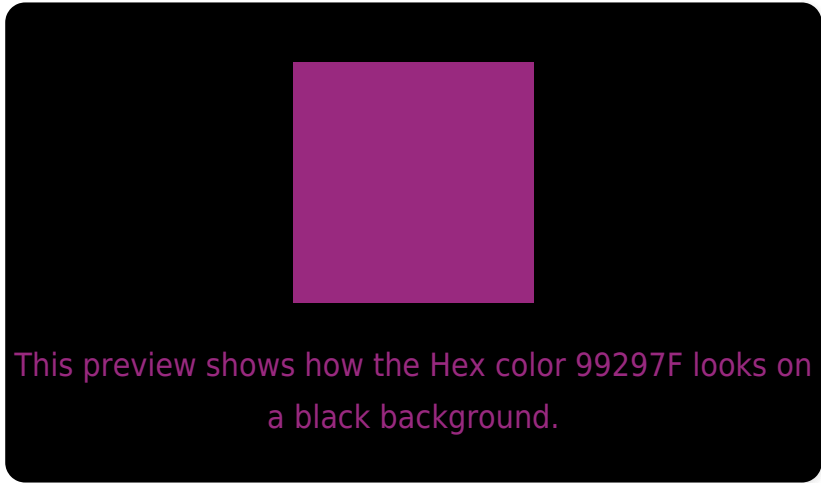
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

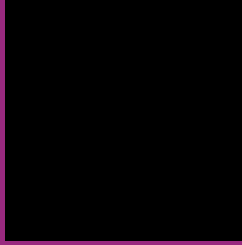
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 99297F Background



This preview shows how black text looks on a background with the Hex color 99297F.

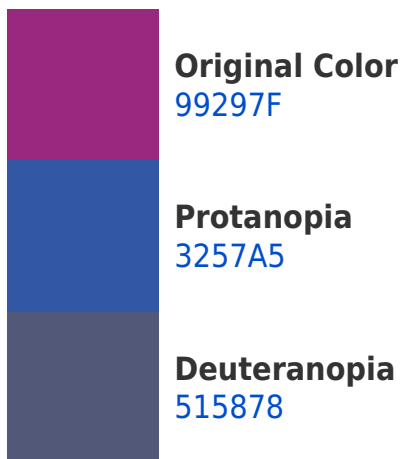


This preview shows how white text looks on a background with the Hex color 99297F.

# 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**  
933D41

# Trichromacy



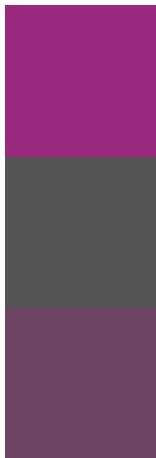
**Original Color**  
99297F

**Protanomaly**  
574697

**Deuteranomaly**  
6B477B

**Tritanomaly**  
953658

# Monochromacy



**Original Color**  
99297F

**Achromatopsia**  
545454

**Achromatomaly**  
6D4464

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99297F 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 #99297F looks like.

```
.text, #text, p{  
    color:#99297F  
}
```

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 #99297F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99297F
}
```

## Border

The CSS property to change the border of an element to Hex 99297F is called "border". The border property can be set on classes, ids or directly on the HTML element.

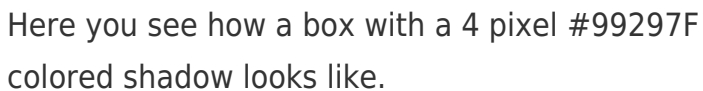
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#99297F }
```

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

```
.border{ border-color:#99297F }
```

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



Here you see how a box with a 4 pixel #99297F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99297F; -webkit-box-shadow:4px 4px  
4px 4px #99297F; box-shadow:4px 4px 4px  
4px #99297F }
```

# Background

The CSS property to change the background color of an element to Hex 99297F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99297F }
```

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

```
.background{ background-color:#99297F }
```

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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