

# Converting Colors

Hex(990063)

Have a look what the booklet for  
Hex(990063) contains.

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**Color**

**Hex(990063)**

# Conversions

## Conversions Part 1

Format	Color
Hex	990063
RGB	153, 0, 99
RGB Percent	60%, 0%, 39%
CMY	0.4000, 1.0000, 0.6118
CMYK	0.00, 1.00, 0.35, 0.40
HSL	321°, 100%, 30%
HSV	321°, 100%, 60%
XYZ	15.3890, 7.6732, 12.4744
YIQ	57.0330, 59.4090, 63.2250

# Conversions

## Conversions Part 2

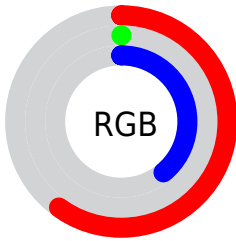
<b>Format</b>	<b>Color</b>
<b>RYB</b>	153, 0, 99
Decimal	10027107
CIELab	33.29, 60.05, -12.15
CIELCh	33, 61.265, 348.562
Yxy	7.6732, 0.4330, 0.2159
Android (android.graphics.Color)	4288217187 (0xFF990063)
YUV	57.0330, 20.6897, 84.1631
Hunter-Lab	27.7005, 50.6899, -7.3098

# Details

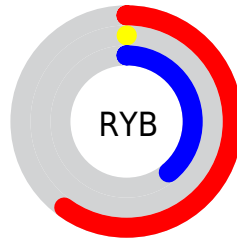
The Hex color **990063** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **009936**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **D44C96**, and **600034** is the 20% darker color. If you saturate the color by 10%, you get **990063**, and if you desaturate by 10%, it is **990F68**.

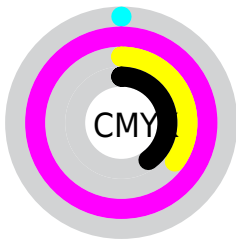
# Distribution



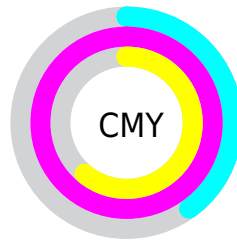
- Red (60%)
- Green (0%)
- Blue (39%)



- Red (60%)
- Yellow (0%)
- Blue (39%)



- Cyan (0%)
- Magenta (100%)
- Yellow (35%)
- Black (40%)



- Cyan (40%)
- Magenta (100%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 990063 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 990063 by changing the saturation by 10% instead.



 990063

 990063

FFFFFF

 7C004B

 D44C96

 600034

 F268B0

 46001F

 FF84CC

 2B0003

 FFA1E8

 000000

 FFBDFD

 FFDAFF

 FFF8FF

 990063

 990F68

 991F6E

 992E73

 993D79

 994D7E

 995C83

 996B89

 997A8E

 998A94

# Harmonies

## Analogous

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



732F8F



990063



A00033

# Triad

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



990063



455500



006197

# Complementary

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



990063



009936

# 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.



00626C



990063



005D00

# Square

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



990063



704600



006139



005AAF

# Rectangle

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



990063



972013



006139



00628A



# Sweetspot

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



990063



C78BB2



360099



634057



E3E3E3



636363



# Same Dimension

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



990063



C70081



990017



4D454A



8C005B



0D0008



# Inverse Universe

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



990063



C70081



009982



4D454A



8C005B



0D0008



# Previews

## White Background



This preview shows how the Hex color 990063 looks on a white background.

## Color Contrast Check

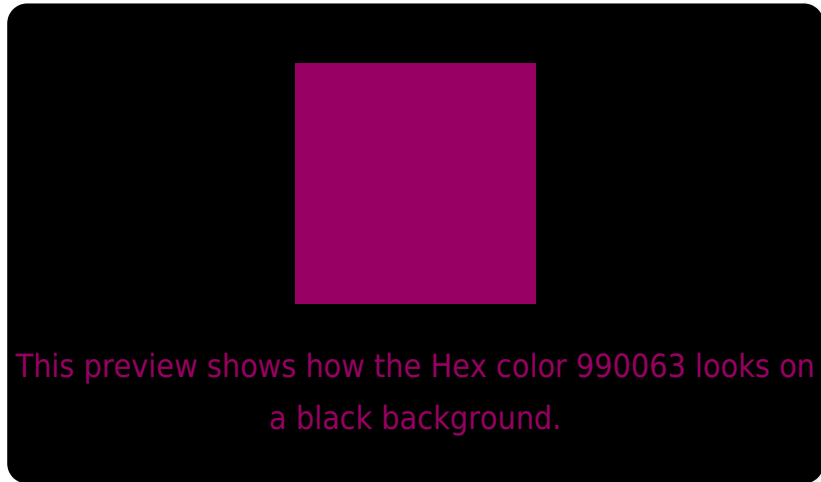
Large Text (above 18pt) WCAG AA ✓ Pass

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

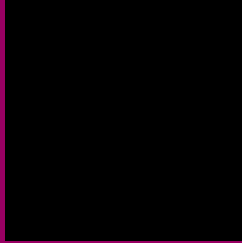
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 990063 Background



This preview shows how black text looks on a background with the Hex color 990063.



This preview shows how white text looks on a background with the Hex color 990063.

# 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





# Trichromacy



**Original Color**  
990063

**Protanomaly**  
5A327E

**Deuteranomaly**  
6D325F

**Tritanomaly**  
96193E

# Monochromacy



**Original Color**  
990063

**Achromatopsia**  
393939

**Achromatomaly**  
5C2448

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 990063 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 #990063 looks like.

```
.text, #text, p{  
    color:#990063  
}
```

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 #990063 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #990063
}
```

## Border

The CSS property to change the border of an element to Hex 990063 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
#990063 }
```

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

```
.border{ border-color:#990063 }
```

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

Here you see how a box with a 4 pixel #990063 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #990063; -webkit-box-shadow:4px 4px  
4px 4px #990063; box-shadow:4px 4px 4px  
4px #990063 }
```

# Background

The CSS property to change the background color of an element to Hex 990063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#990063 }
```

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

```
.background{ background-color:#990063 }
```

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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