

# Converting Colors

Hex(990053)

Have a look what the booklet for  
Hex(990053) contains.

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**Color**

**Hex(990053)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	990053
RGB	153, 0, 83
RGB Percent	60%, 0%, 33%
CMY	0.4000, 1.0000, 0.6745
CMYK	0.00, 1.00, 0.46, 0.40
HSL	327°, 100%, 30%
HSV	327°, 100%, 60%
XYZ	14.6982, 7.3968, 8.8367
YIQ	55.2090, 64.5450, 58.2490

# Conversions

## Conversions Part 2

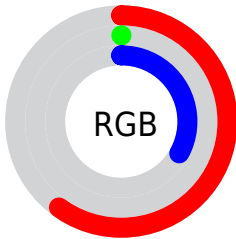
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 0, 83
Decimal	10027091
CIE <sub>Lab</sub>	32.69, 58.49, -2.64
CIE <sub>LCh</sub>	33, 58.549, 357.419
Yxy	7.3968, 0.4752, 0.2391
Android (android.graphics.Color)	4288217171 (0xFF990053)
YUV	55.2090, 13.7010, 85.7627
Hunter-Lab	27.1971, 48.8722, -0.2260

# Details

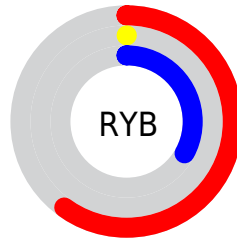
The Hex color **990053** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **009946**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **D44B84**, and **600026** is the 20% darker color. If you saturate the color by 10%, you get **990053**, and if you desaturate by 10%, it is **990F5A**.

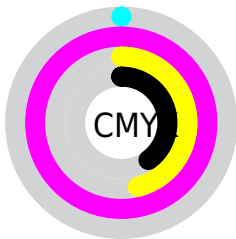
# Distribution



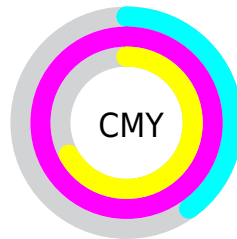
- Red (60%)
- Green (0%)
- Blue (33%)



- Red (60%)
- Yellow (0%)
- Blue (33%)



- Cyan (0%)
- Magenta (100%)
- Yellow (46%)
- Black (40%)



- Cyan (40%)
- Magenta (100%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 990053 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 990053 by changing the saturation by 10% instead.



 990053

 990053

FFFFFF

 7C003C

 D44B84

 600026

 F2689E

 450012

 FF83B9

 280001

 FFA0D5

 000000

 FFBCF1

 FFD9FF

 FFF7FF

 990053

 990F5A

 991F61

 992E68

 993D6F

 994D76

 995C7D

 996B84

 997A8B

 998A92

# Harmonies

## Analogous

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



7F267F



990053



981526

# Triad

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



990053



355600



005D9B

# Complementary

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



990053



009946

# 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.



006077



990053



005D15

# Square

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



990053



624A00



006047



0054AA

# Rectangle

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



990053



8D2C04



006047



005F91



# Sweetspot

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



990053



C78BAC



450099



634053



E3E3E3



636363



# Same Dimension

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



990053



C7006C



990008



4D4549



8C004C



0D0007



# Inverse Universe

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



990053



C7006C



009991



4D4549



8C004C



0D0007



# Previews

## White Background



This preview shows how the Hex color 990053 looks on a white background.

## Color Contrast Check

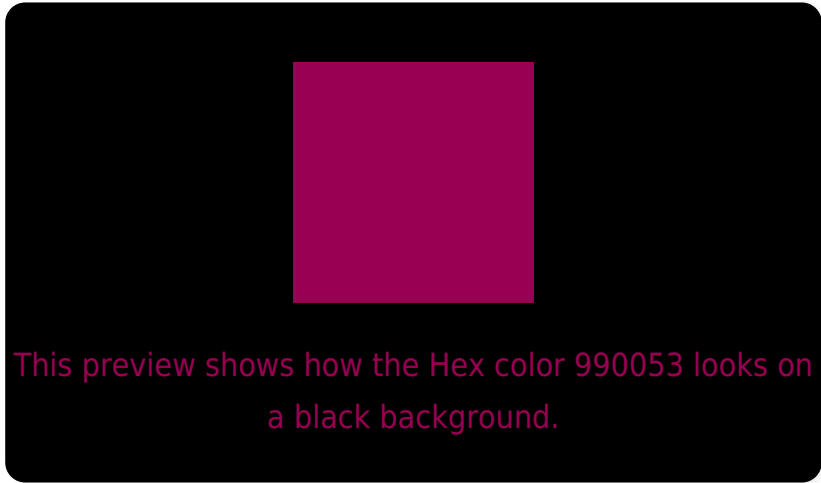
Large Text (above 18pt) WCAG AA ✓ Pass

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 990053 Background



This preview shows how black text looks on a background with the Hex color 990053.

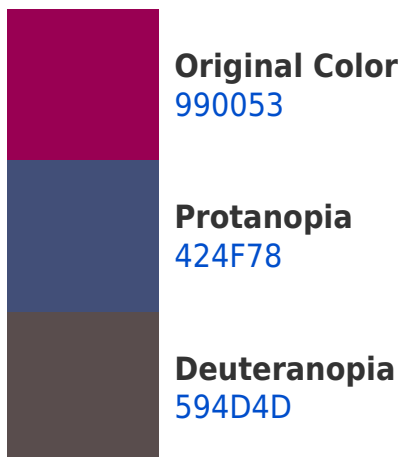


This preview shows how white text looks on a background with the Hex color 990053.

# 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**  
962121

# Trichromacy



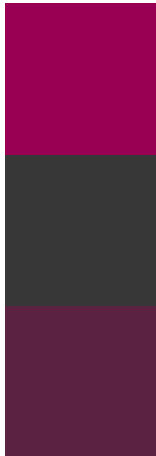
**Original Color**  
990053

**Protanomaly**  
62326B

**Deuteranomaly**  
70314F

**Tritanomaly**  
971533

# Monochromacy



**Original Color**  
990053

**Achromatopsia**  
373737

**Achromatomaly**  
5B2341

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 990053 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 #990053 looks like.

```
.text, #text, p{  
    color:#990053  
}
```

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 #990053 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #990053
}
```

## Border

The CSS property to change the border of an element to Hex 990053 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".

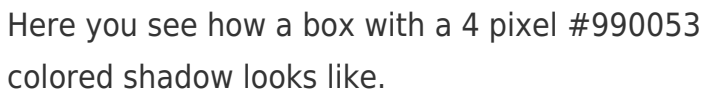
```
.border, #border, table{ border:4px solid
#990053 }
```

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

```
.border{ border-color:#990053 }
```

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

Here you see how a box with a 4 pixel #990053 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #990053; -webkit-box-shadow:4px 4px  
4px 4px #990053; box-shadow:4px 4px 4px  
4px #990053 }
```

# Background

The CSS property to change the background color of an element to Hex 990053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#990053 }
```

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

```
.background{ background-color:#990053 }
```

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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