

# Converting Colors

Hex(990024)

Have a look what the booklet for  
Hex(990024) contains.

<b>Hex(990024)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(990024)**

# Conversions

## Conversions Part 1

Format	Color
Hex	990024
RGB	153, 0, 36
RGB Percent	60%, 0%, 14%
CMY	0.4000, 1.0000, 0.8588
CMYK	0.00, 1.00, 0.76, 0.40
HSL	346°, 100%, 30%
HSV	346°, 100%, 60%
XYZ	13.4553, 6.8997, 2.2917
YIQ	49.8510, 79.6320, 43.6320

# Conversions

## Conversions Part 2

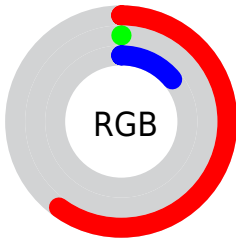
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 0, 36
Decimal	10027044
CIE <sub>Lab</sub>	31.58, 55.51, 26.81
CIE <sub>LCh</sub>	32, 61.648, 25.778
Yxy	6.8997, 0.5941, 0.3047
Android (android.graphics.Color)	4288217124 (0xFF990024)
YUV	49.8510, -6.8285, 90.4617
Hunter-Lab	26.2672, 45.4684, 13.2144

# Details

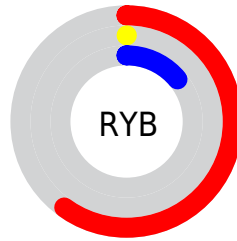
The Hex color **990024** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **009975**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **D64A50**, and **5D0000** is the 20% darker color. If you saturate the color by 10%, you get **990024**, and if you desaturate by 10%, it is **990F30**.

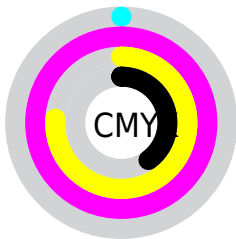
# Distribution



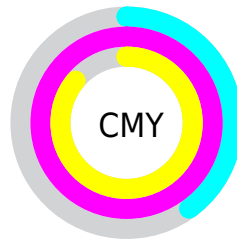
- Red (60%)
- Green (0%)
- Blue (14%)



- Red (60%)
- Yellow (0%)
- Blue (14%)



- Cyan (0%)
- Magenta (100%)
- Yellow (76%)
- Black (40%)



- Cyan (40%)
- Magenta (100%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 990024 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 990024 by changing the saturation by 10% instead.



 990024

 990024

FFFFFF

 7B0010

 D64A50

 5D0000

 F66569

 410002

 FF8182

 210001

 FF9D9C

 000000

 FFB9B7

 FFD6D2

 FFF4EF

 990024

 990F30

 991F3B

 992E47

 993D53

 994D5F

 995C6A

 996B76

 997A82

 998A8D

# Harmonies

## Analogous

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



990053



990024



842F00

# Triad

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



990024



005A09



0053AC

# Complementary

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



990024



009975

# 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.



005C9B



990024



005D42

# Square

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



990024



335400



005E73



2B41A3

# Rectangle

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



990024



6E4000



005E73



0057A9



# Sweetspot

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



990024



C78B99



730099



634048



E3E3E3



636363



# Same Dimension

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



990024



C7002F



992600



4D4547



8C0021



0D0003



# Inverse Universe

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



990024



C7002F



007399



4D4547



8C0021



0D0003



# Previews

## White Background



This preview shows how the Hex color 990024 looks on a white background.

## Color Contrast Check

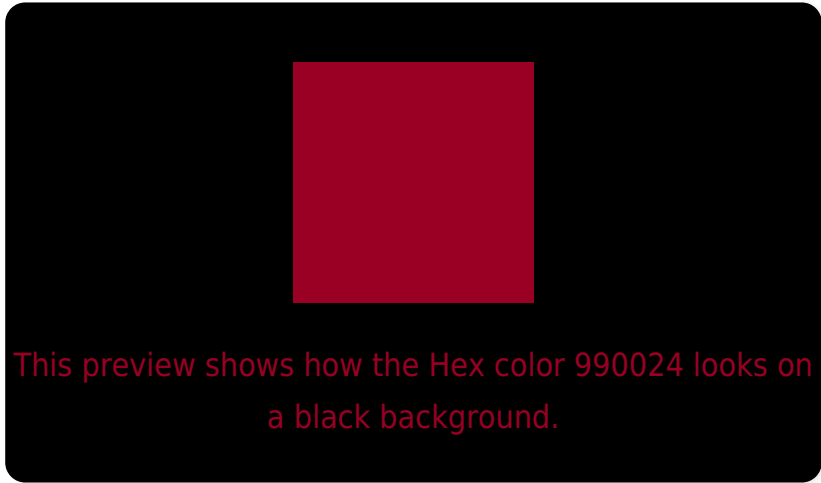
Large Text (above 18pt) WCAG AA ✓ Pass

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 990024 Background



This preview shows how black text looks on a background with the Hex color 990024.



This preview shows how white text looks on a background with the Hex color 990024.

# 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



**Original Color**  
990024

**Protanopia**  
544E37

**Deuteranopia**  
614A1B



**Tritanopia**  
990F08

# Trichromacy



**Original Color**  
990024

**Protanomaly**  
6D3230

**Deuteranomaly**  
752F1E

**Tritanomaly**  
990A12

# Monochromacy



**Original Color**  
990024

**Achromatopsia**  
323232

**Achromatomaly**  
57202D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 990024 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 #990024 looks like.

```
.text, #text, p{  
    color:#990024  
}
```

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 #990024 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #990024
}
```

## Border

The CSS property to change the border of an element to Hex 990024 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
#990024 }
```

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

```
.border{ border-color:#990024 }
```

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

Here you see how a box with a 4 pixel #990024 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #990024; -webkit-box-shadow:4px 4px  
4px 4px #990024; box-shadow:4px 4px 4px  
4px #990024 }
```

# Background

The CSS property to change the background color of an element to Hex 990024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#990024 }
```

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

```
.background{ background-color:#990024 }
```

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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