

Converting Colors

Hex(990061)

Have a look what the booklet for
Hex(990061) contains.

Hex(990061)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(990061)

Conversions

Conversions Part 1

Format	Color
Hex	990061
RGB	153, 0, 97
RGB Percent	60%, 0%, 38%
CMY	0.4000, 1.0000, 0.6196
CMYK	0.00, 1.00, 0.37, 0.40
HSL	322°, 100%, 30%
HSV	322°, 100%, 60%
XYZ	15.2945, 7.6354, 11.9769
YIQ	56.8050, 60.0510, 62.6030

Conversions

Conversions Part 2

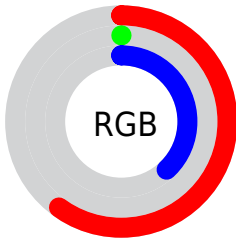
Format	Color
R_YB	153, 0, 97
Decimal	10027105
CIE _{Lab}	33.21, 59.84, -10.98
CIE _{LCh}	33, 60.838, 349.602
Yxy	7.6354, 0.4382, 0.2187
Android (android.graphics.Color)	4288217185 (0xFF990061)
YUV	56.8050, 19.8161, 84.3630
Hunter-Lab	27.6322, 50.4443, -6.3562

Details

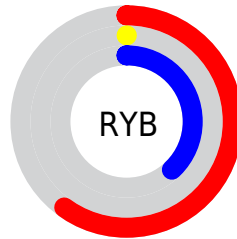
The Hex color **990061** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **009938**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **D44C94**, and **600033** is the 20% darker color. If you saturate the color by 10%, you get **990061**, and if you desaturate by 10%, it is **990F67**.

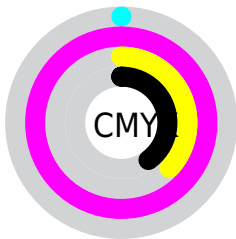
Distribution



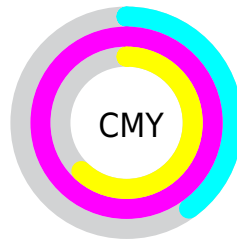
- Red (60%)
- Green (0%)
- Blue (38%)



- Red (60%)
- Yellow (0%)
- Blue (38%)



- Cyan (0%)
- Magenta (100%)
- Yellow (37%)
- Black (40%)



- Cyan (40%)
- Magenta (100%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 990061 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 990061 by changing the saturation by 10% instead.

 990061

 990061

FFFFFF

 7C0049

 D44C94

 600033

 F268AE

 45001E

 FF84CA

 2B0001

 FFA1E6

 000000

 FFBDFE

 FFDAFF

 FFF8FF

 990061

 990F67

 991F6C

 992E72

 993D77

 994D7D

 995C83

 996B88

 997A8E

 998A93

Harmonies

Analogous

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



752E8D



990061



9F0231

Triad

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



990061



435500



006097

Complementary

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



990061



009938

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.



00626D



990061



005D00

Square

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



990061



6E4600



00613B



0059AE

Rectangle

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



990061



962212



00613B



00618B

Sweetspot

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



990061



C78BB1



360099



634056



E3E3E3



636363

Same Dimension

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



990061



C7007E



990017



4D454A



8C0059



0D0008

Inverse Universe

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



990061



C7007E



009982



4D454A



8C0059



0D0008

Previews

White Background



This preview shows how the Hex color 990061 looks on a white background.

Color Contrast Check

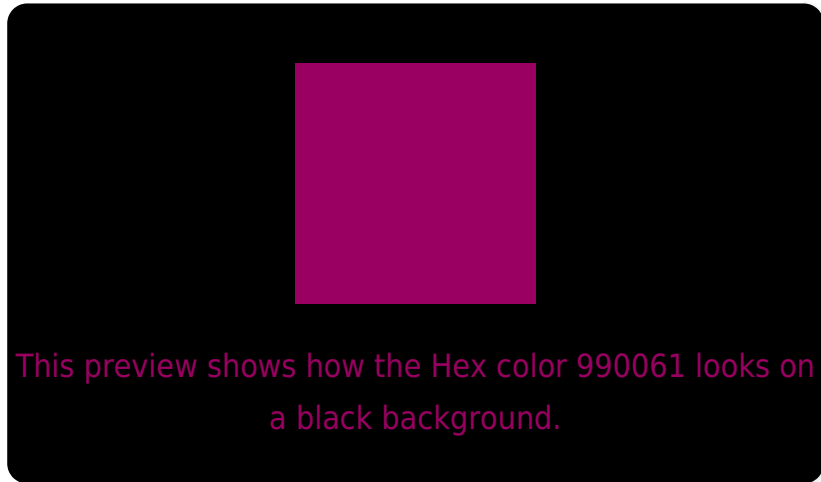
Large Text (above 18pt) WCAG AA ✓ Pass

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

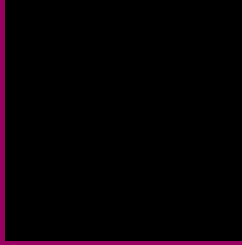
Any Text WCAG AA × Fail

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 990061 Background



This preview shows how black text looks on a background with the Hex color 990061.



This preview shows how white text looks on a background with the Hex color 990061.

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
990061



Protanomaly
5B327C



Deuteranomaly
6E325D



Tritanomaly
96183D

Monochromacy



Original Color
990061



Achromatopsia
393939



Achromatomaly
5C2448

CSS Examples

Text

The CSS property to change the color of the text to Hex 990061 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 #990061 looks like.

```
.text, #text, p{  
    color:#990061  
}
```

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 #990061 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #990061  
}
```

Border

The CSS property to change the border of an element to Hex 990061 is called "border". The border property can be set on classes, ids or directly on the HTML element.

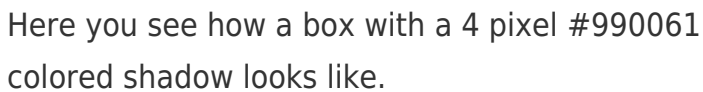
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#990061 }
```

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

```
.border{ border-color:#990061 }
```

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



Here you see how a box with a 4 pixel #990061 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #990061; -webkit-box-shadow:4px 4px  
4px 4px #990061; box-shadow:4px 4px 4px  
4px #990061 }
```

Background

The CSS property to change the background color of an element to Hex 990061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#990061 }
```

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

```
.background{ background-color:#990061 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor