

Converting Colors

Hex(990083)

Have a look what the booklet for
Hex(990083) contains.

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Color

Hex(990083)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 990083 |
| RGB | 153, 0, 131 |
| RGB Percent | 60%, 0%, 51% |
| CMY | 0.4000, 1.0000, 0.4863 |
| CMYK | 0.00, 1.00, 0.14, 0.40 |
| HSL | 309°, 100%, 30% |
| HSV | 309°, 100%, 60% |
| XYZ | 17.2336, 8.4110, 22.1879 |
| YIQ | 60.6810, 49.1370, 73.1770 |

Conversions

Conversions Part 2

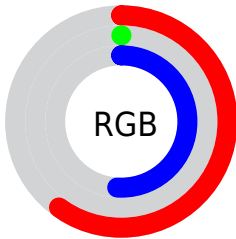
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 153, 0, 131 |
| Decimal | 10027139 |
| CIE _{Lab} | 34.82, 63.93, -30.06 |
| CIE _{LCh} | 35, 70.643, 334.813 |
| Yxy | 8.4110, 0.3603, 0.1758 |
| Android (android.graphics.Color) | 4288217219 (0xFF990083) |
| YUV | 60.6810, 34.6673, 80.9638 |
| Hunter-Lab | 29.0017, 55.3165, -25.0589 |

Details

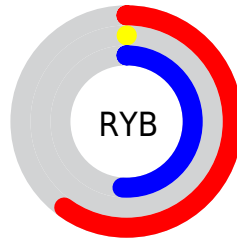
The Hex color **990083** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **009916**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **D34EB8**, and **610051** is the 20% darker color. If you saturate the color by 10%, you get **990083**, and if you desaturate by 10%, it is **990F85**.

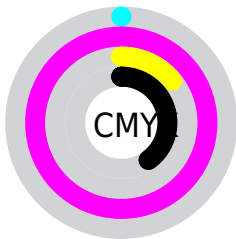
Distribution



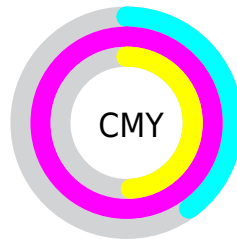
- Red (60%)
- Green (0%)
- Blue (51%)



- Red (60%)
- Yellow (0%)
- Blue (51%)



- Cyan (0%)
- Magenta (100%)
- Yellow (14%)
- Black (40%)



- Cyan (40%)
- Magenta (100%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 990083 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 990083 by changing the saturation by 10% instead.

 990083

 990083

FFFFFF

 7D006A

 D34EB8

 610051

 F16BD4

 46003A

 FF87F1

 2C0023

 FFA3FF

 000009

 FFC0FF

 000000

 FFD0FF

 FFFBFF

 990083

 990F85

 991F87

 992E8A

 993D8C

 994D8E

 995C90

 996B92

 997A95

 998A97

Harmonies

Analogous

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



553DB0



990083



AF004C

Triad

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



990083



5D5300



006892

Complementary

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



990083



009916

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.



00685A



990083



1B6000

Square

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



990083



893B00



00651C



0064B9

Rectangle

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



990083



AD0027



00651C



006880

Sweetspot

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



990083



C78BBE



140099



63405E



E3E3E3



636363

Same Dimension

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



990083



C700AA



990038



4D454B



8C0078



0D000B

Inverse Universe

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



990083



C700AA



009961



4D454B



8C0078



0D000B

Previews

White Background



This preview shows how the Hex color 990083 looks on a white background.

Color Contrast Check

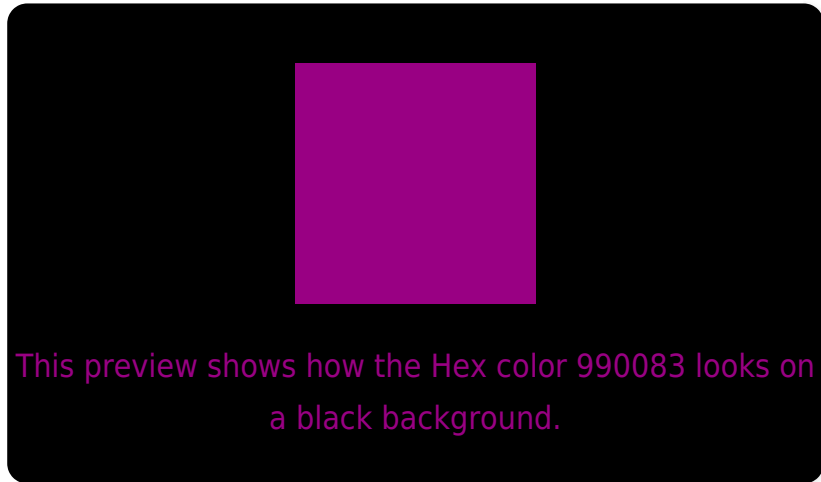
Large Text (above 18pt) WCAG AA ✓ Pass

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

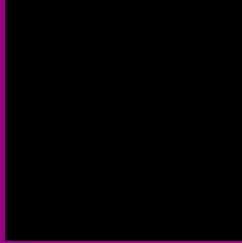
Any Text WCAG AA × Fail

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 990083 Background



This preview shows how black text looks on a background with the Hex color 990083.

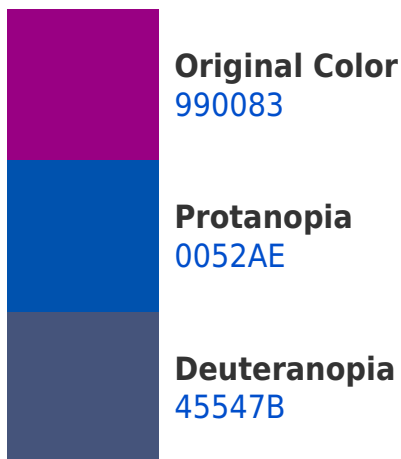


This preview shows how white text looks on a background with the Hex color 990083.

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
990083



Protanomaly
38349E



Deuteranomaly
64357E



Tritanomaly
952153

Monochromacy



Original Color
990083



Achromatopsia
3D3D3D



Achromatomaly
5E2756

CSS Examples

Text

The CSS property to change the color of the text to Hex 990083 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 #990083 looks like.

```
.text, #text, p{  
    color:#990083  
}
```

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 #990083 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #990083
}
```

Border

The CSS property to change the border of an element to Hex 990083 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".

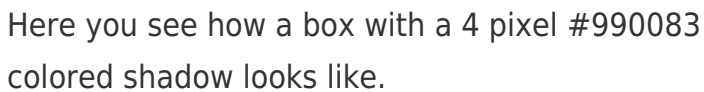
```
.border, #border, table{ border:4px solid
#990083 }
```

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

```
.border{ border-color:#990083 }
```

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

Here you see how a box with a 4 pixel #990083 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset, 4px blur, and 4px spread, colored #990083.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #990083; -webkit-box-shadow:4px 4px  
4px 4px #990083; box-shadow:4px 4px 4px  
4px #990083 }
```

Background

The CSS property to change the background color of an element to Hex 990083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#990083 }
```

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

```
.background{ background-color:#990083 }
```

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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