

Converting Colors

Hex(970068)

Have a look what the booklet for
Hex(970068) contains.

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Color

Hex(970068)

Conversions

Conversions Part 1

Format	Color
Hex	970068
RGB	151, 0, 104
RGB Percent	59%, 0%, 41%
CMY	0.4078, 1.0000, 0.5922
CMYK	0.00, 1.00, 0.31, 0.41
HSL	319°, 100%, 30%
HSV	319°, 100%, 59%
XYZ	15.2612, 7.5788, 13.7552
YIQ	57.0050, 56.6120, 64.3560

Conversions

Conversions Part 2

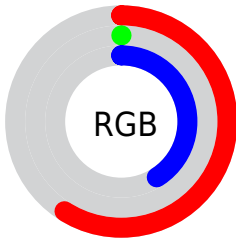
Format	Color
R_{YB}	151, 0, 104
Decimal	9896040
CIE _{Lab}	33.09, 60.17, -15.72
CIE _{LCh}	33, 62.185, 345.361
Yxy	7.5788, 0.4170, 0.2071
Android (android.graphics.Color)	4288086120 (0xFF970068)
YUV	57.0050, 23.1685, 82.4336
Hunter-Lab	27.5296, 50.7757, -10.3536

Details

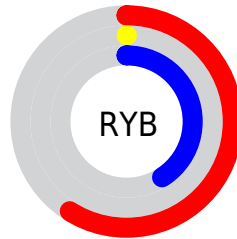
The Hex color **970068** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **00972F**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **D14C9B**, and **5F0039** is the 20% darker color. If you saturate the color by 10%, you get **970068**, and if you desaturate by 10%, it is **970F6D**.

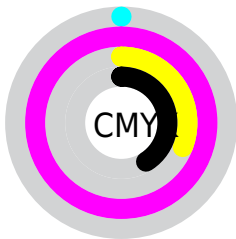
Distribution



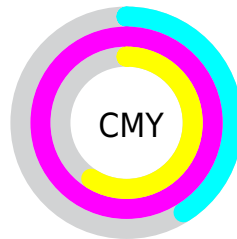
- Red (59%)
- Green (0%)
- Blue (41%)



- Red (59%)
- Yellow (0%)
- Blue (41%)



- Cyan (0%)
- Magenta (100%)
- Yellow (31%)
- Black (41%)



- Cyan (41%)
- Magenta (100%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 970068 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 970068 by changing the saturation by 10% instead.

 970068

 970068

FFFFFF

 7B0050

 D14C9B

 5F0039

 EF68B6

 440023

 FF84D2

 2A000B

 FFA0EE

 000000

 FFBDFE

 FFDAFF

 FFF8FF

 970068

■ 970F6D

■ 971E71

■ 972D76

■ 973C7B

■ 974C80

■ 975B84

■ 976A89

■ 97798E

■ 978892

Harmonies

Analogous

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



6D3194



970068



A10037

Triad

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



970068



495300



006194

Complementary

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



970068



00972F

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.



006267



970068



005C00

Square

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



970068



734300



006133



005BAE

Rectangle

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



970068



991917



006133



006286

Sweetspot

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



970068



C489B2



2D0097



634058



E3E3E3



636363

Same Dimension

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



970068



C40087



97001E



4D454A



8C0061



0D0009

Inverse Universe

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



970068



C40087



009779



4D454A



8C0061



0D0009

Previews

White Background



This preview shows how the Hex color 970068 looks on a white background.

Color Contrast Check

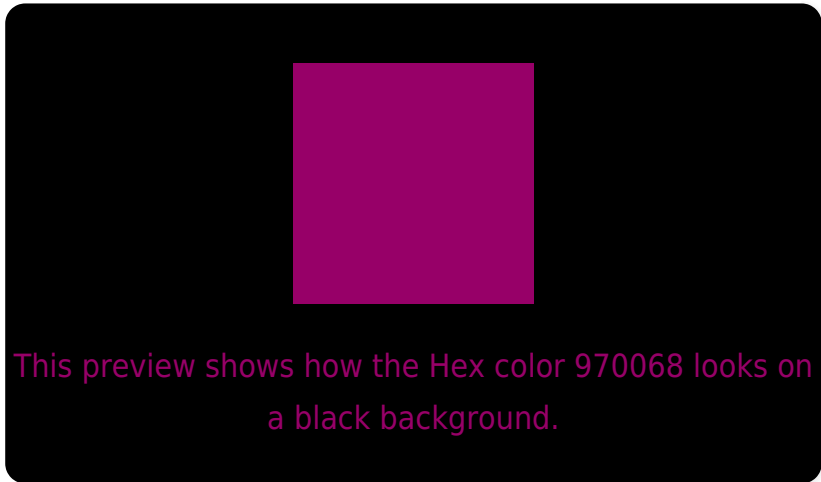
Large Text (above 18pt) WCAG AA ✓ Pass

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

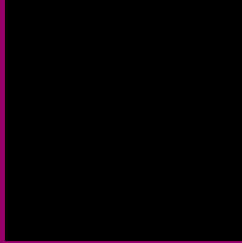
Any Text WCAG AA × Fail

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 970068 Background



This preview shows how black text looks on a background with the Hex color 970068.



This preview shows how white text looks on a background with the Hex color 970068.

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
93292B

Trichromacy



Original Color
970068



Protanomaly
543284



Deuteranomaly
6A3264



Tritanomaly
941A41

Monochromacy



Original Color
970068



Achromatopsia
393939



Achromatomaly
5B244A

CSS Examples

Text

The CSS property to change the color of the text to Hex 970068 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 #970068 looks like.

```
.text, #text, p{  
    color:#970068  
}
```

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 #970068 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #970068
}
```

Border

The CSS property to change the border of an element to Hex 970068 is called "border". The border property can be set on classes, ids or directly on the HTML element.

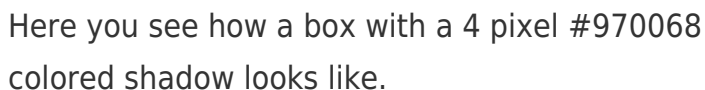
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#970068 }
```

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

```
.border{ border-color:#970068 }
```

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



Here you see how a box with a 4 pixel #970068 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #970068; -webkit-box-shadow:4px 4px  
4px 4px #970068; box-shadow:4px 4px 4px  
4px #970068 }
```

Background

The CSS property to change the background color of an element to Hex 970068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#970068 }
```

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

```
.background{ background-color:#970068 }
```

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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