

Converting Colors

Hex(970042)

Have a look what the booklet for
Hex(970042) contains.

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Color

Hex(970042)

Conversions

Conversions Part 1

Format	Color
Hex	970042
RGB	151, 0, 66
RGB Percent	59%, 0%, 26%
CMY	0.4078, 1.0000, 0.7412
CMYK	0.00, 1.00, 0.56, 0.41
HSL	334°, 100%, 30%
HSV	334°, 100%, 59%
XYZ	13.7459, 6.9727, 5.7756
YIQ	52.6730, 68.8100, 52.5380

Conversions

Conversions Part 2

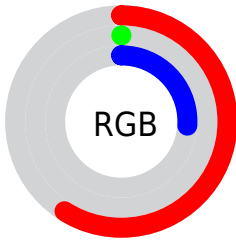
Format	Color
R_{YB}	151, 0, 66
Decimal	9896002
CIE Lab	31.74, 56.66, 7.17
CIE LCh	32, 57.107, 7.214
Yxy	6.9727, 0.5188, 0.2632
Android (android.graphics.Color)	4288086082 (0xFF970042)
YUV	52.6730, 6.5702, 86.2328
Hunter-Lab	26.4058, 46.7103, 5.5158

Details

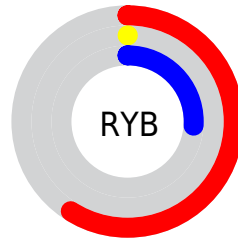
The Hex color **970042** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **009755**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **D34A72**, and **5D0018** is the 20% darker color. If you saturate the color by 10%, you get **970042**, and if you desaturate by 10%, it is **970F4A**.

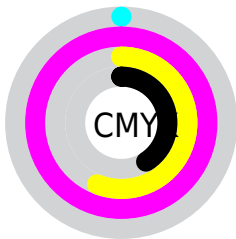
Distribution



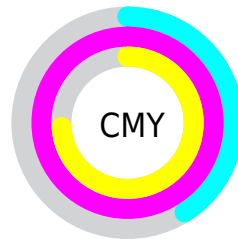
- Red (59%)
- Green (0%)
- Blue (26%)



- Red (59%)
- Yellow (0%)
- Blue (26%)



- Cyan (0%)
- Magenta (100%)
- Yellow (56%)
- Black (41%)



- Cyan (41%)
- Magenta (100%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 970042 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 970042 by changing the saturation by 10% instead.

 970042

 970042

FFFFFF

 7A002C

 D34A72

 5D0018

 F1668B

 420002

 FF82A5

 230001

 FF9EC0

 000000

 FFBADC

 FFD7F9

 FFF5FF

 970042

 970F4A

 971E53

 972D5C

 973C64

 974C6D

 975B75

 976A7E

 977986

 97888F

Harmonies

Analogous

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



871A6E



970042



8F2016

Triad

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



970042



1F5600



00599E

Complementary

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



970042



009755

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.



005D80



970042



005B25

Square

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



970042



534C00



005D55



004DA5

Rectangle

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



970042



803300



005D55



005B96

Sweetspot

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



970042



C489A3



530097



63404F



E3E3E3



636363

Same Dimension

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



970042



C40056



970800



4D4548



8C003D



0D0006

Inverse Universe

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



970042



C40056



008F97



4D4548



8C003D



0D0006

Previews

White Background



This preview shows how the Hex color 970042 looks on a white background.

Color Contrast Check

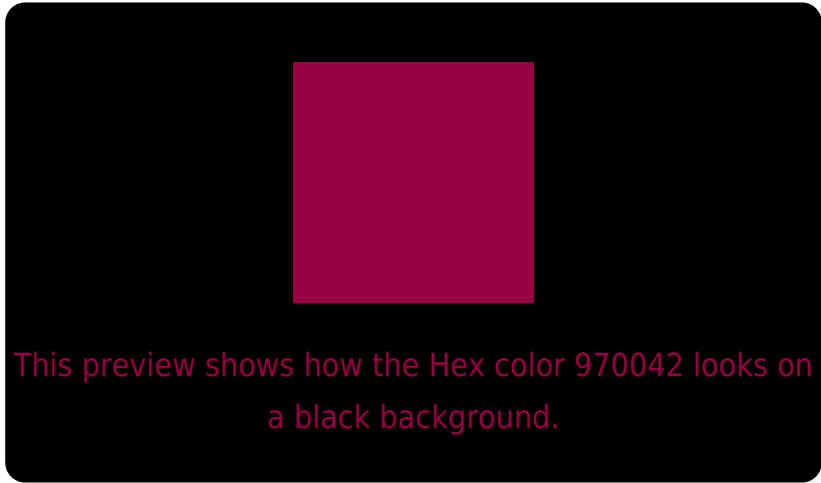
Large Text (above 18pt) WCAG AA ✓ Pass

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 970042 Background



This preview shows how black text looks on a background with the Hex color 970042.

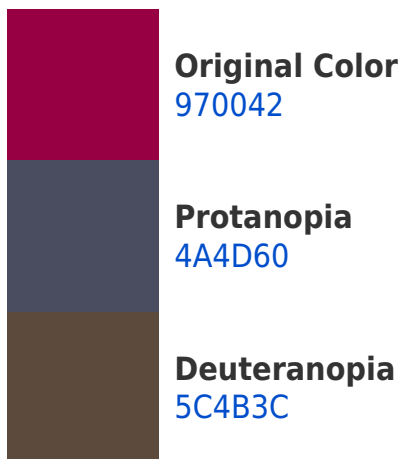


This preview shows how white text looks on a background with the Hex color 970042.

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
951A1A

Trichromacy



Original Color
970042

Protanomaly
663155

Deuteranomaly
71303E

Tritanomaly
961129

Monochromacy



Original Color
970042

Achromatopsia
353535

Achromatomaly
59223A

CSS Examples

Text

The CSS property to change the color of the text to Hex 970042 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 #970042 looks like.

```
.text, #text, p{  
    color:#970042  
}
```

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 #970042 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #970042
}
```

Border

The CSS property to change the border of an element to Hex 970042 is called "border". The border property can be set on classes, ids or directly on the HTML element.

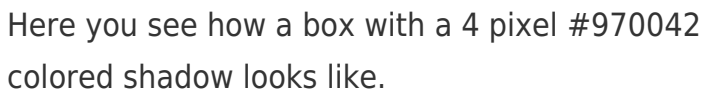
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#970042 }
```

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

```
.border{ border-color:#970042 }
```

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



Here you see how a box with a 4 pixel #970042 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #970042; -webkit-box-shadow:4px 4px  
4px 4px #970042; box-shadow:4px 4px 4px  
4px #970042 }
```

Background

The CSS property to change the background color of an element to Hex 970042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#970042 }
```

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

```
.background{ background-color:#970042 }
```

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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