

Converting Colors

Hex(970073)

Have a look what the booklet for
Hex(970073) contains.

Hex(970073)	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(970073)

Conversions

Conversions Part 1

Format	Color
Hex	970073
RGB	151, 0, 115
RGB Percent	59%, 0%, 45%
CMY	0.4078, 1.0000, 0.5490
CMYK	0.00, 1.00, 0.24, 0.41
HSL	314°, 100%, 30%
HSV	314°, 100%, 59%
XYZ	15.8570, 7.8171, 16.8928
YIQ	58.2590, 53.0810, 67.7770

Conversions

Conversions Part 2

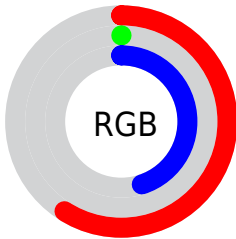
Format	Color
R_{YB}	151, 0, 115
Decimal	9896051
CIE _{Lab}	33.60, 61.46, -21.95
CIE _{LCh}	34, 65.266, 340.346
Yxy	7.8171, 0.3909, 0.1927
Android (android.graphics.Color)	4288086131 (0xFF970073)
YUV	58.2590, 27.9733, 81.3339
Hunter-Lab	27.9591, 52.3079, -16.2514

Details

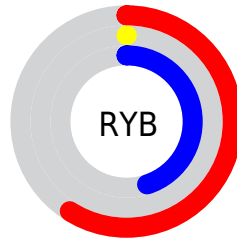
The Hex color **970073** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **009724**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **D14DA7**, and **5F0043** is the 20% darker color. If you saturate the color by 10%, you get **970073**, and if you desaturate by 10%, it is **970F77**.

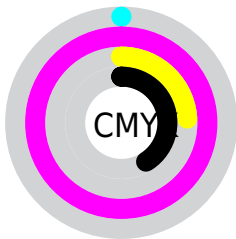
Distribution



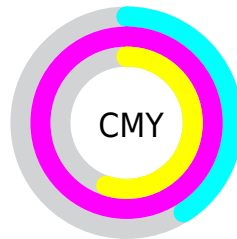
- Red (59%)
- Green (0%)
- Blue (45%)



- Red (59%)
- Yellow (0%)
- Blue (45%)



- Cyan (0%)
- Magenta (100%)
- Yellow (24%)
- Black (41%)



- Cyan (41%)
- Magenta (100%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 970073 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 970073 by changing the saturation by 10% instead.

 970073

 970073

FFFFFF

 7B005A

 D14DA7

 5F0043

 EF69C2

 45002C

 FF85DE

 2A0017

 FFA1FB

 000000

 FFBEFF

 FFDBFF

 FFF8FF

 970073

■ 970F77

■ 971E7A

■ 972D7E

■ 973C81

■ 974C85

■ 975B89

■ 976A8C

■ 977990

■ 978893

Harmonies

Analogous

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



63369F



970073



A60040

Triad

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



970073



515300



006392

Complementary

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



970073



009724

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.



006460



970073



045D00

Square

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



970073



7C3F00



006229



005EB2

Rectangle

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



970073



A1071E



006229



006482

Sweetspot

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



970073



C489B6



230097



63405B



E3E3E3



636363

Same Dimension

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



970073



C40096



970028



4D454B



8C006B



0D000A

Inverse Universe

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



970073



C40096



00976F



4D454B



8C006B



0D000A

Previews

White Background



This preview shows how the Hex color 970073 looks on a white background.

Color Contrast Check

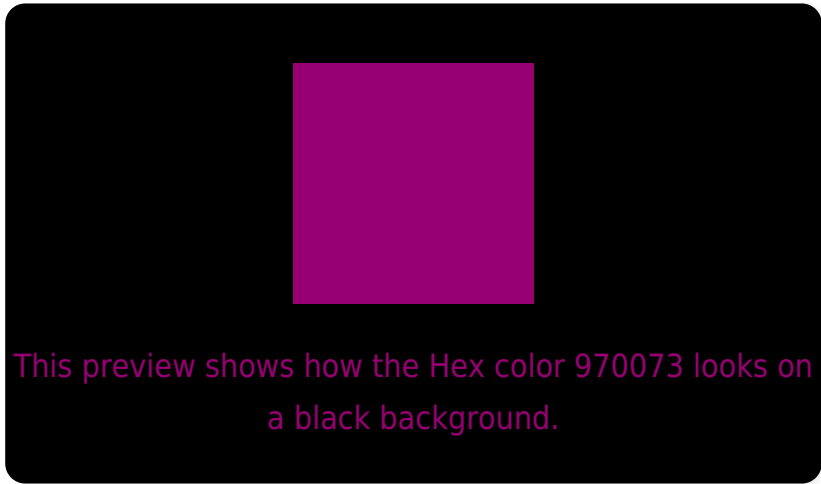
Large Text (above 18pt) WCAG AA ✓ Pass

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

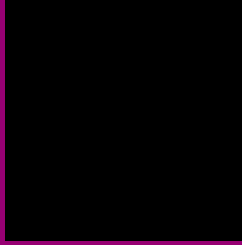
Any Text WCAG AA × Fail

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 970073 Background



This preview shows how black text looks on a background with the Hex color 970073.

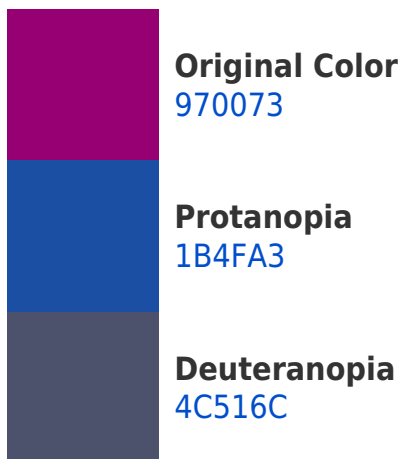


This preview shows how white text looks on a background with the Hex color 970073.

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
922D30

Trichromacy



Original Color
970073

Protanomaly
483292

Deuteranomaly
67346F

Tritanomaly
941D48

Monochromacy



Original Color
970073

Achromatopsia
3A3A3A

Achromatomaly
5C254F

CSS Examples

Text

The CSS property to change the color of the text to Hex 970073 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 #970073 looks like.

```
.text, #text, p{  
    color:#970073  
}
```

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 #970073 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #970073
}
```

Border

The CSS property to change the border of an element to Hex 970073 is called "border". The border property can be set on classes, ids or directly on the HTML element.

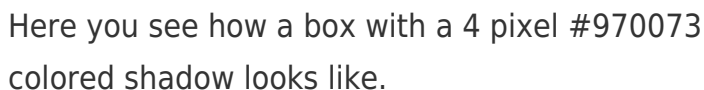
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#970073 }
```

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

```
.border{ border-color:#970073 }
```

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



Here you see how a box with a 4 pixel #970073 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #970073; -webkit-box-shadow:4px 4px  
4px 4px #970073; box-shadow:4px 4px 4px  
4px #970073 }
```

Background

The CSS property to change the background color of an element to Hex 970073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#970073 }
```

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

```
.background{ background-color:#970073 }
```

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