

Converting Colors

Hex(000971)

Have a look what the booklet for
Hex(000971) contains.

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Color

Hex(000971)

Conversions

Conversions Part 1

Format	Color
Hex	000971
RGB	0, 9, 113
RGB Percent	0%, 4%, 44%
CMY	1.0000, 0.9647, 0.5569
CMYK	1.00, 0.92, 0.00, 0.56
HSL	235°, 100%, 22%
HSV	235°, 100%, 44%
XYZ	3.0783, 1.3876, 15.7284
YIQ	18.1650, -38.7480, 30.4360

Conversions

Conversions Part 2

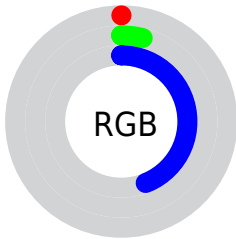
Format	Color
RYB	0, 8, 113
Decimal	2417
CIELab	11.88, 39.23, -56.88
CIELCh	12, 69.094, 304.592
Yxy	1.3876, 0.1524, 0.0687
Android (android.graphics.Color)	4278192497 (0xFF000971)
YUV	18.1650, 46.7537, -15.9307
Hunter-Lab	11.7798, 26.0316, -70.9183

Details

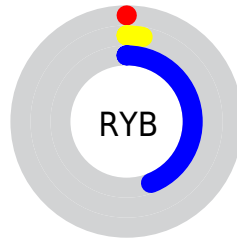
The Hex color **000971** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **716800**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **4C37A6**, and **00033F** is the 20% darker color. If you saturate the color by 10%, you get **000971**, and if you desaturate by 10%, it is **0B1371**.

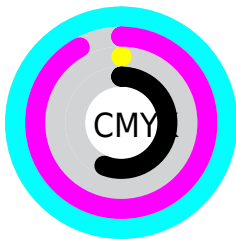
Distribution



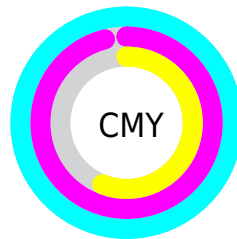
- Red (0%)
- Green (4%)
- Blue (44%)



- Red (0%)
- Yellow (3%)
- Blue (44%)



- Cyan (100%)
- Magenta (92%)
- Yellow (0%)
- Black (56%)



- Cyan (100%)
- Magenta (96%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 000971 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 000971 by changing the saturation by 10% instead.

000971

000971

FFEFFF

000058

4C37A6

00033F

694FC2

000328

8567DE

000112

A281FB

000000

BE9BFF

DCB6FF

F9D2FF

000971

■ 0B1371

■ 171E71

■ 222871

■ 2D3371

■ 393D71

■ 444771

■ 4F5271

■ 5A5C71

■ 666771

Harmonies

Analogous

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



002783



000971



580049

Triad

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



000971



460400



002E26

Complementary

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



000971



716800

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.



002D00



000971



222100

Square

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



000971



5F0000



002A00



003056

Rectangle

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



000971



66002A



002A00



002D15

Sweetspot

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



000971



686B94



007168



2F314A



C9C9C9



4A4A4A

Same Dimension

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



000971



000C94



2F0071



323338



000A78



0014F7

Inverse Universe

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



710009



94000C



427100



383233



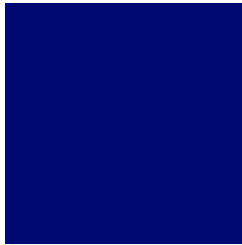
78000A



F70014

Previews

White Background



This preview shows how the Hex color 000971 looks on a white background.

Color Contrast Check

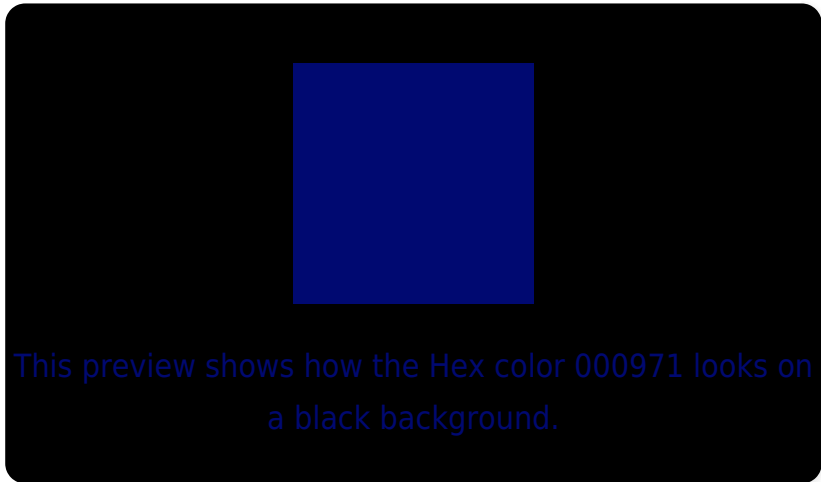
Large Text (above 18pt) WCAG AA ✓ Pass

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

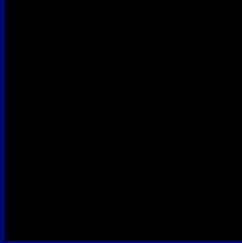
Any Text WCAG AA × Fail

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 000971 Background



This preview shows how black text looks on a background with the Hex color 000971.



This preview shows how white text looks on a background with the Hex color 000971.

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



Original Color
000971

Protanopia
002246

Deuteranopia
00243C

Trichromacy



Original Color
000971

Protanomaly
001956

Deuteranomaly
001A4F

Tritanomaly
001C43

Monochromacy



Original Color
000971

Achromatopsia
121212

Achromatomaly
0B0F35

CSS Examples

Text

The CSS property to change the color of the text to Hex 000971 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 #000971 looks like.

```
.text, #text, p{  
    color:#000971  
}
```

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 #000971 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000971
}
```

Border

The CSS property to change the border of an element to Hex 000971 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
#000971 }
```

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

```
.border{ border-color:#000971 }
```

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

Here you see how a box with a 4 pixel #000971 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000971; -webkit-box-shadow:4px 4px  
4px 4px #000971; box-shadow:4px 4px 4px  
4px #000971 }
```

Background

The CSS property to change the background color of an element to Hex 000971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000971 }
```

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

```
.background{ background-color:#000971 }
```

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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