

Converting Colors

Hex(001072)

Have a look what the booklet for
Hex(001072) contains.

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Color

Hex(001072)

Conversions

Conversions Part 1

Format	Color
Hex	001072
RGB	0, 16, 114
RGB Percent	0%, 6%, 45%
CMY	1.0000, 0.9373, 0.5529
CMYK	1.00, 0.86, 0.00, 0.55
HSL	232°, 100%, 22%
HSV	232°, 100%, 45%
XYZ	3.2226, 1.5855, 16.0558
YIQ	22.3880, -40.9940, 27.0860

Conversions

Conversions Part 2

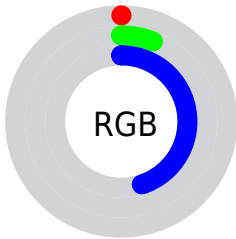
Format	Color
RYB	0, 14, 114
Decimal	4210
CIELab	13.14, 36.22, -55.42
CIELCh	13, 66.204, 303.167
Yxy	1.5855, 0.1545, 0.0760
Android (android.graphics.Color)	4278194290 (0xFF001072)
YUV	22.3880, 45.1647, -19.6343
Hunter-Lab	12.5916, 23.6479, -66.7875

Details

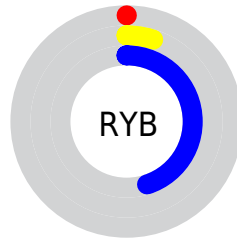
The Hex color **001072** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **726200**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **4C3CA7**, and **000240** is the 20% darker color. If you saturate the color by 10%, you get **001072**, and if you desaturate by 10%, it is **0B1A72**.

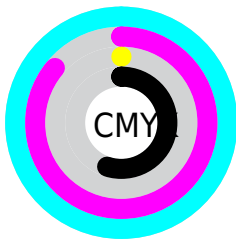
Distribution



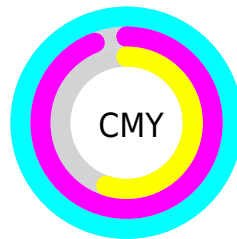
- Red (0%)
- Green (6%)
- Blue (45%)



- Red (0%)
- Yellow (5%)
- Blue (45%)



- Cyan (100%)
- Magenta (86%)
- Yellow (0%)
- Black (55%)



- Cyan (100%)
- Magenta (94%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001072 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 001072 by changing the saturation by 10% instead.

■ 001072

■ 001072

■ FFF4FF

■ 000059

■ 4C3CA7

■ 000240

■ 6854C3

■ 000329

■ 856DDF

■ 000113

■ A186FC

■ 000000

■ BEA1FF

■ DBBCFF

■ F9D8FF

■ 001072

■ 0B1A72

■ 172472

■ 222D72

■ 2E3772

■ 394172

■ 444B72

■ 505572

■ 5B5E72

■ 676872

Harmonies

Analogous

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



002A82



001072



57004D

Triad

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



001072



4A0700



003126

Complementary

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



001072



726200

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.



003000



001072



272200

Square

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



001072



620000



002C00



003355

Rectangle

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



001072



67002F



002C00



003115

Sweetspot

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



001072



686E94



007261



2F334A



C9C9C9



4A4A4A

Same Dimension

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



001072



001594



280072



323338



001178



0023F7

Inverse Universe

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



720010



940015



4A7200



383233



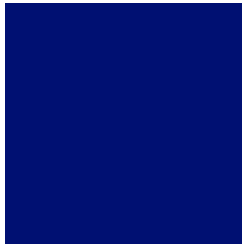
780011



F70023

Previews

White Background



This preview shows how the Hex color 001072 looks on a white background.

Color Contrast Check

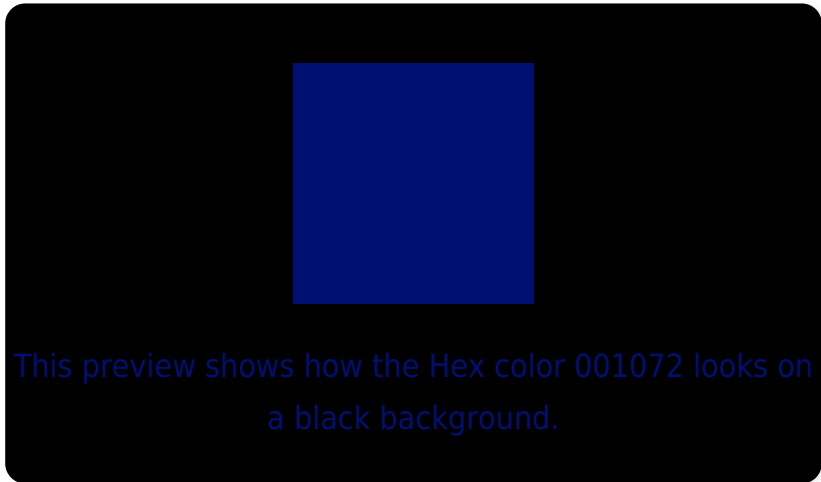
Large Text (above 18pt) WCAG AA ✓ Pass

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

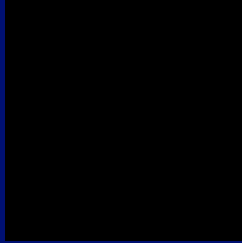
Any Text WCAG AA × Fail

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 001072 Background



This preview shows how black text looks on a background with the Hex color 001072.



This preview shows how white text looks on a background with the Hex color 001072.

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
001072

Protanopia
00234A

Deuteranopia
00263F

Trichromacy



Original Color

001072

Protanomaly

001C59

Deuteranomaly

001E52

Tritanomaly

002044

Monochromacy



Original Color

001072

Achromatopsia

161616

Achromatomaly

0E1437

CSS Examples

Text

The CSS property to change the color of the text to Hex 001072 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 #001072 looks like.

```
.text, #text, p{  
    color:#001072  
}
```

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 #001072 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001072
}
```

Border

The CSS property to change the border of an element to Hex 001072 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
#001072 }
```

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

```
.border{ border-color:#001072 }
```

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

Here you see how a box with a 4 pixel #001072 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001072; -webkit-box-shadow:4px 4px  
4px 4px #001072; box-shadow:4px 4px 4px  
4px #001072 }
```

Background

The CSS property to change the background color of an element to Hex 001072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001072 }
```

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

```
.background{ background-color:#001072 }
```

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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