

Converting Colors

Hex(000272)

Have a look what the booklet for
Hex(000272) contains.

Hex(000272)	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(000272)

Conversions

Conversions Part 1

Format	Color
Hex	000272
RGB	0, 2, 114
RGB Percent	0%, 1%, 45%
CMY	1.0000, 0.9922, 0.5529
CMYK	1.00, 0.98, 0.00, 0.55
HSL	239°, 100%, 22%
HSV	239°, 100%, 45%
XYZ	3.0590, 1.2583, 16.0012
YIQ	14.1700, -37.1440, 34.4080

Conversions

Conversions Part 2

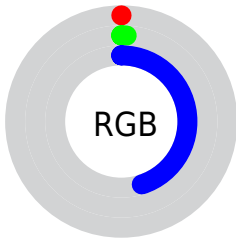
Format	Color
RYB	0, 2, 114
Decimal	626
CIELab	10.98, 42.75, -59.02
CIELCh	11, 72.877, 305.913
Yxy	1.2583, 0.1506, 0.0619
Android (android.graphics.Color)	4278190706 (0xFF000272)
YUV	14.1700, 49.2162, -12.4271
Hunter-Lab	11.2175, 29.0457, -76.7222

Details

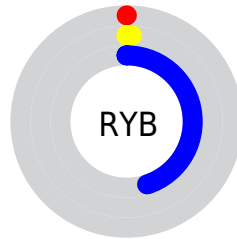
The Hex color **000272** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **727000**, and the grayscale version is **0E0E0E**.

A 20% lighter version of the original color is **4D32A7**, and **000440** is the 20% darker color. If you saturate the color by 10%, you get **000272**, and if you desaturate by 10%, it is **0B0D72**.

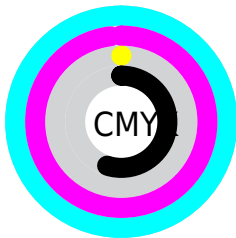
Distribution



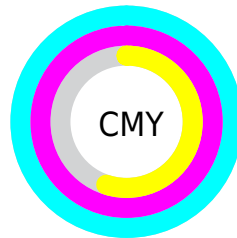
- Red (0%)
- Green (1%)
- Blue (45%)



- Red (0%)
- Yellow (1%)
- Blue (45%)



- Cyan (100%)
- Magenta (98%)
- Yellow (0%)
- Black (55%)



- Cyan (100%)
- Magenta (99%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 000272 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 000272 by changing the saturation by 10% instead.

 000272

 000272

 FFE9FF

 000059

 4D32A7

 000440

 6A4AC3

 000329

 8762DF

 000113

 A37CFC

 000000

 C096FF

 DDB1FF

 FBCDFF

 000272

■ 0B0D72

■ 171872

■ 222472

■ 2E2F72

■ 393A72

■ 444572

■ 505072

■ 5B5C72

■ 676772

Harmonies

Analogous

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



002687



000272



5A0047

Triad

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



000272



440200



002B27

Complementary

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



000272



727000

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.



002A00



000272



1D2000

Square

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



000272



5F0000



002900



002E59

Rectangle

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



000272



680027



002900



002B15

Sweetspot

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



000272



686894



00726E



2F304A



C9C9C9



4A4A4A

Same Dimension

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



000272



000394



350072



323338



000278



0004F7

Inverse Universe

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



720002



940003



3D7200



383233



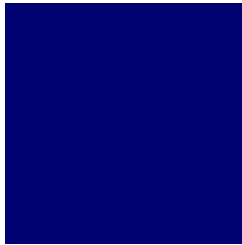
780002



F70004

Previews

White Background



This preview shows how the Hex color 000272 looks on a white background.

Color Contrast Check

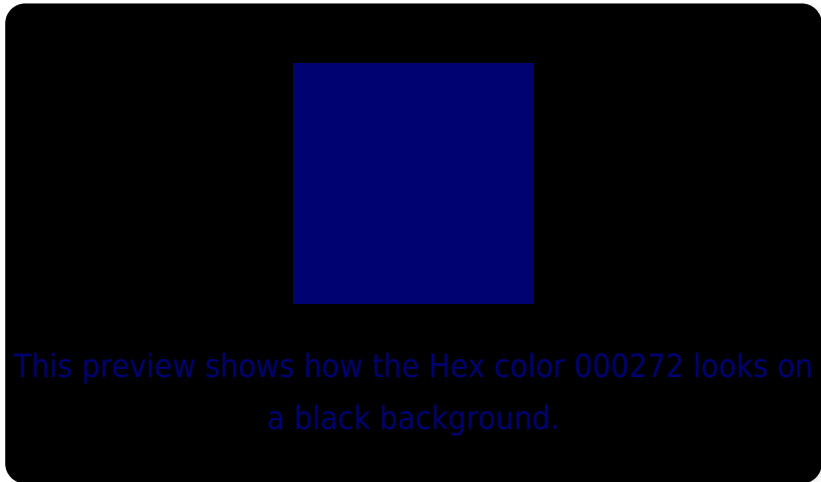
Large Text (above 18pt) WCAG AA ✓ Pass

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

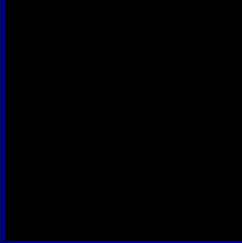
Any Text WCAG AA × Fail

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 000272 Background



This preview shows how black text looks on a background with the Hex color 000272.



This preview shows how white text looks on a background with the Hex color 000272.

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
000272

Protanopia
002146

Deuteranopia
00243B

Trichromacy



Original Color
000272

Protanomaly
001656

Deuteranomaly
00184F

Tritanomaly
001943

Monochromacy



Original Color
000272

Achromatopsia
0E0E0E

Achromatomaly
090A32

CSS Examples

Text

The CSS property to change the color of the text to Hex 000272 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 #000272 looks like.

```
.text, #text, p{  
    color:#000272  
}
```

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 #000272 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000272
}
```

Border

The CSS property to change the border of an element to Hex 000272 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
#000272 }
```

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

```
.border{ border-color:#000272 }
```

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

Here you see how a box with a 4 pixel #000272 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000272; -webkit-box-shadow:4px 4px  
4px 4px #000272; box-shadow:4px 4px 4px  
4px #000272 }
```

Background

The CSS property to change the background color of an element to Hex 000272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000272 }
```

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

```
.background{ background-color:#000272 }
```

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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