

Converting Colors

Hex(001273)

Have a look what the booklet for
Hex(001273) contains.

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Color

Hex(001273)

Conversions

Conversions Part 1

Format	Color
Hex	001273
RGB	0, 18, 115
RGB Percent	0%, 7%, 45%
CMY	1.0000, 0.9294, 0.5490
CMYK	1.00, 0.84, 0.00, 0.55
HSL	231°, 100%, 23%
HSV	231°, 100%, 45%
XYZ	3.3108, 1.6704, 16.3676
YIQ	23.6760, -41.8650, 26.3510

Conversions

Conversions Part 2

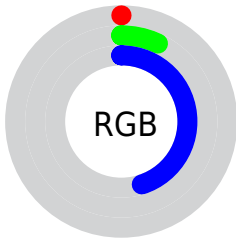
Format	Color
RYB	0, 16, 115
Decimal	4723
CIELab	13.65, 35.48, -55.22
CIELCh	14, 65.633, 302.723
Yxy	1.6704, 0.1551, 0.0782
Android (android.graphics.Color)	4278194803 (0xFF001273)
YUV	23.6760, 45.0227, -20.7639
Hunter-Lab	12.9245, 23.1080, -66.0379

Details

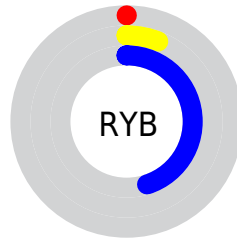
The Hex color **001273** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **736100**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **4C3EA8**, and **000141** is the 20% darker color. If you saturate the color by 10%, you get **001273**, and if you desaturate by 10%, it is **0B1C73**.

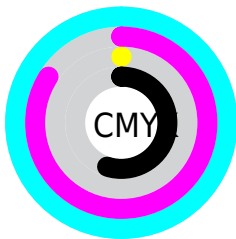
Distribution



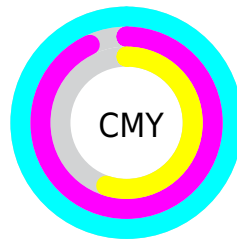
- Red (0%)
- Green (7%)
- Blue (45%)



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



- Cyan (100%)
- Magenta (84%)
- Yellow (0%)
- Black (55%)



- Cyan (100%)
- Magenta (93%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001273 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 001273 by changing the saturation by 10% instead.

 001273

 001273

 FFF6FF

 00005A

 4C3EA8

 000141

 6956C4

 00032A

 856FE0

 000114

 A188FD

 000000

 BEA3FF

 DBBEFF

 F9DAFF

 001273

■ 0B1C73

■ 172573

■ 232F73

■ 2E3973

■ 3A4373

■ 454C73

■ 515673

■ 5C6073

■ 686973

Harmonies

Analogous

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



002B83



001273



58004E

Triad

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



001273



4C0800



003226

Complementary

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



001273



736100

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.



003100



001273



292300

Square

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



001273



630000



002D00



003455

Rectangle

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



001273



670030



002D00



003216

Sweetspot

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



001273



697096



007360



31354D



CCCCCC



4D4D4D

Same Dimension

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



001273



001896



260073



35363B



00137A



0027FA

Inverse Universe

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



730012



960018



4D7300



3B3536



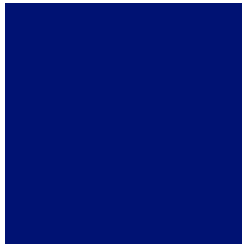
7A0013



FA0027

Previews

White Background



This preview shows how the Hex color 001273 looks on a white background.

Color Contrast Check

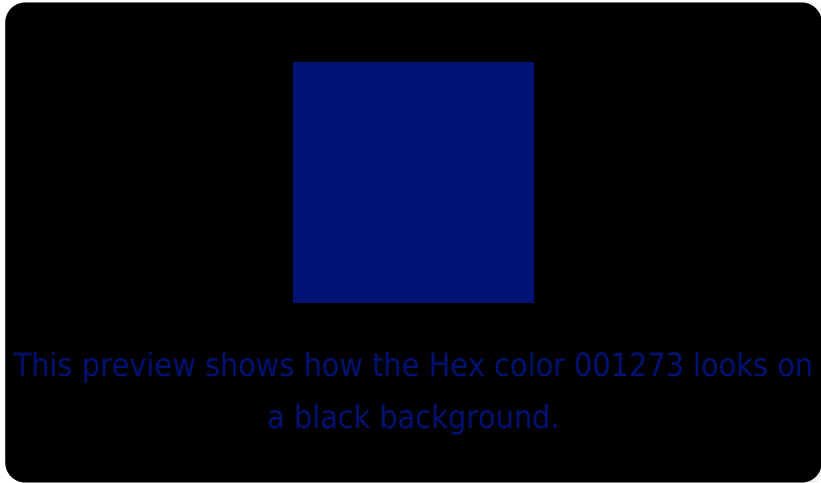
Large Text (above 18pt) WCAG AA ✓ Pass

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

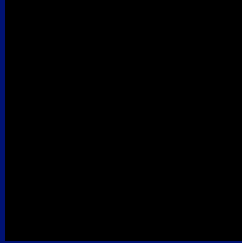
Any Text WCAG AA × Fail

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 001273 Background



This preview shows how black text looks on a background with the Hex color 001273.



This preview shows how white text looks on a background with the Hex color 001273.

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

001273

Protanopia

00244C

Deuteranopia

002640



Tritanopia
00292B

Trichromacy



Original Color
001273

Protanomaly
001D5A

Deuteranomaly
001F53

Tritanomaly
002145

Monochromacy



Original Color
001273

Achromatopsia
181818

Achromatomaly
0F1639

CSS Examples

Text

The CSS property to change the color of the text to Hex 001273 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 #001273 looks like.

```
.text, #text, p{  
    color:#001273  
}
```

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 #001273 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001273
}
```

Border

The CSS property to change the border of an element to Hex 001273 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
#001273 }
```

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

```
.border{ border-color:#001273 }
```

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

Here you see how a box with a 4 pixel #001273 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001273; -webkit-box-shadow:4px 4px  
4px 4px #001273; box-shadow:4px 4px 4px  
4px #001273 }
```

Background

The CSS property to change the background color of an element to Hex 001273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001273 }
```

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

```
.background{ background-color:#001273 }
```

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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