

Converting Colors

Hex(001173)

Have a look what the booklet for
Hex(001173) contains.

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Color

Hex(001173)

Conversions

Conversions Part 1

Format	Color
Hex	001173
RGB	0, 17, 115
RGB Percent	0%, 7%, 45%
CMY	1.0000, 0.9333, 0.5490
CMYK	1.00, 0.85, 0.00, 0.55
HSL	231°, 100%, 23%
HSV	231°, 100%, 45%
XYZ	3.2950, 1.6387, 16.3623
YIQ	23.0890, -41.5900, 26.8740

Conversions

Conversions Part 2

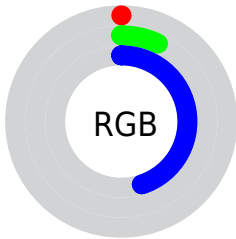
Format	Color
RYB	0, 15, 115
Decimal	4467
CIELab	13.46, 36.03, -55.53
CIELCh	13, 66.197, 302.979
Yxy	1.6387, 0.1547, 0.0769
Android (android.graphics.Color)	4278194547 (0xFF001173)
YUV	23.0890, 45.3121, -20.2491
Hunter-Lab	12.8012, 23.5430, -66.8228

Details

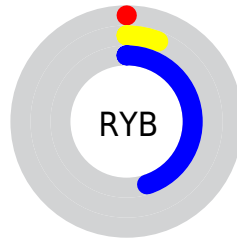
The Hex color **001173** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **736200**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **4C3DA8**, and **000141** is the 20% darker color. If you saturate the color by 10%, you get **001173**, and if you desaturate by 10%, it is **0B1B73**.

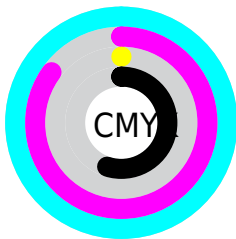
Distribution



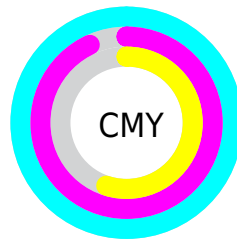
- Red (0%)
- Green (7%)
- Blue (45%)



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



- Cyan (100%)
- Magenta (85%)
- Yellow (0%)
- Black (55%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 001173 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 001173 by changing the saturation by 10% instead.

 001173

 001173

 FFF6FF

 00005A

 4C3DA8

 000141

 6955C4

 00032A

 856EE0

 000114

 A187FD

 000000

 BEA2FF

 DBBDFE

 F9D9FF

 001173

■ 0B1B73

■ 172573

■ 232E73

■ 2E3873

■ 3A4273

■ 454C73

■ 515673

■ 5C5F73

■ 686973

Harmonies

Analogous

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



002A83



001173



58004E

Triad

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



001173



4B0700



003226

Complementary

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



001173



736200

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



001173



282300

Square

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



001173



630000



002C00



003455

Rectangle

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



001173



680030



002C00



003116

Sweetspot

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



001173



697096



007362



31354D



CCCCCC



4D4D4D

Same Dimension

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



001173



001696



280073



35363B



00127A



0025FA

Inverse Universe

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



730011



960016



4B7300



3B3536



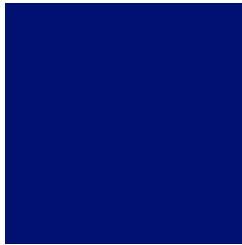
7A0012



FA0025

Previews

White Background



This preview shows how the Hex color 001173 looks on a white background.

Color Contrast Check

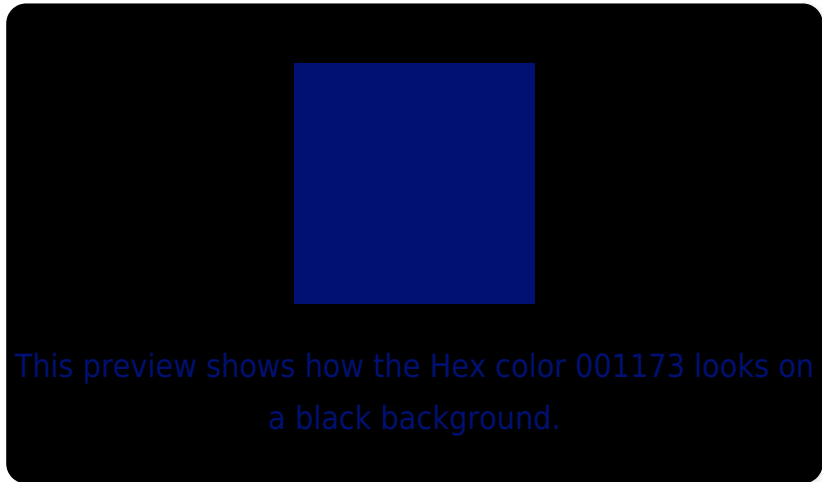
Large Text (above 18pt) WCAG AA ✓ Pass

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

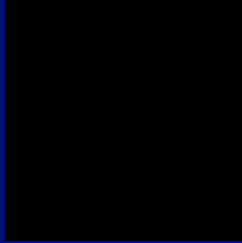
Any Text WCAG AA × Fail

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 001173 Background



This preview shows how black text looks on a background with the Hex color 001173.



This preview shows how white text looks on a background with the Hex color 001173.

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
001173

Protanopia
00244B

Deuteranopia
002640



Tritanopia
00292B

Trichromacy



Original Color
001173

Protanomaly
001D5A

Deuteranomaly
001E53

Tritanomaly
002045

Monochromacy



Original Color
001173

Achromatopsia
171717

Achromatomaly
0F1538

CSS Examples

Text

The CSS property to change the color of the text to Hex 001173 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 #001173 looks like.

```
.text, #text, p{  
    color:#001173  
}
```

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 #001173 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001173
}
```

Border

The CSS property to change the border of an element to Hex 001173 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
#001173 }
```

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

```
.border{ border-color:#001173 }
```

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

Here you see how a box with a 4 pixel #001173 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001173; -webkit-box-shadow:4px 4px  
4px 4px #001173; box-shadow:4px 4px 4px  
4px #001173 }
```

Background

The CSS property to change the background color of an element to Hex 001173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001173 }
```

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

```
.background{ background-color:#001173 }
```

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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