

Converting Colors

Hex(000375)

Have a look what the booklet for
Hex(000375) contains.

Hex(000375)	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(000375)

Conversions

Conversions Part 1

Format	Color
Hex	000375
RGB	0, 3, 117
RGB Percent	0%, 1%, 46%
CMY	1.0000, 0.9882, 0.5412
CMYK	1.00, 0.97, 0.00, 0.54
HSL	238°, 100%, 23%
HSV	238°, 100%, 46%
XYZ	3.2434, 1.3495, 16.9191
YIQ	15.0990, -38.3820, 34.8180

Conversions

Conversions Part 2

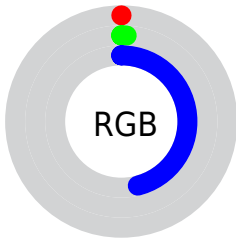
Format	Color
RYB	0, 3, 117
Decimal	885
CIELab	11.62, 43.14, -59.91
CIELCh	12, 73.823, 305.757
Yxy	1.3495, 0.1508, 0.0627
Android (android.graphics.Color)	4278190965 (0xFF000375)
YUV	15.0990, 50.2372, -13.2418
Hunter-Lab	11.6167, 29.5089, -78.2212

Details

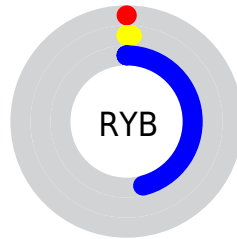
The Hex color **000375** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **757200**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **4E33AA**, and **000243** is the 20% darker color. If you saturate the color by 10%, you get **000375**, and if you desaturate by 10%, it is **0C0E75**.

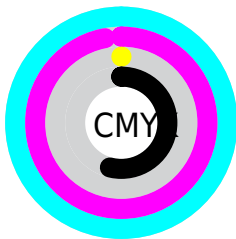
Distribution



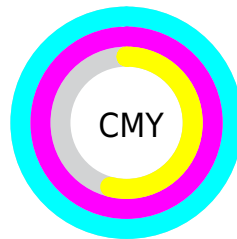
- Red (0%)
- Green (1%)
- Blue (46%)



- Red (0%)
- Yellow (1%)
- Blue (46%)



- Cyan (100%)
- Magenta (97%)
- Yellow (0%)
- Black (54%)



- Cyan (100%)
- Magenta (99%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 000375 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 000375 by changing the saturation by 10% instead.

■ 000375

■ 000375

■ FFE8FF

■ 00005C

■ 4E33AA

■ 000243

■ 6B4BC6

■ 00032C

■ 8864E3

■ 000116

■ A47DFF

■ 000000

■ C298FF

■ DFB3FF

■ FDC8FF

■ 000375

■ 0C0E75

■ 171A75

■ 232575

■ 2F3175

■ 3B3C75

■ 464775

■ 525375

■ 5E5E75

■ 696A75

Harmonies

Analogous

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



00278A



000375



5C004A

Triad

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



000375



460300



002D28

Complementary

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



000375



757200

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.



002C00



000375



1F2100

Square

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



000375



610000



002B00



00305B

Rectangle

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



000375



6A0029



002B00



002D16

Sweetspot

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



000375



6B6C99



007571



31324D



CCCCCC



4D4D4D

Same Dimension

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



000375



000499



370075



35353B



00037A



0006FA

Inverse Universe

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



750003



990004



3E7500



3B3535



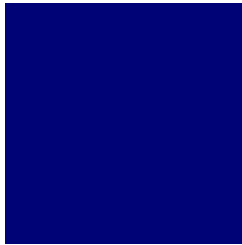
7A0003



FA0006

Previews

White Background



This preview shows how the Hex color 000375 looks on a white background.

Color Contrast Check

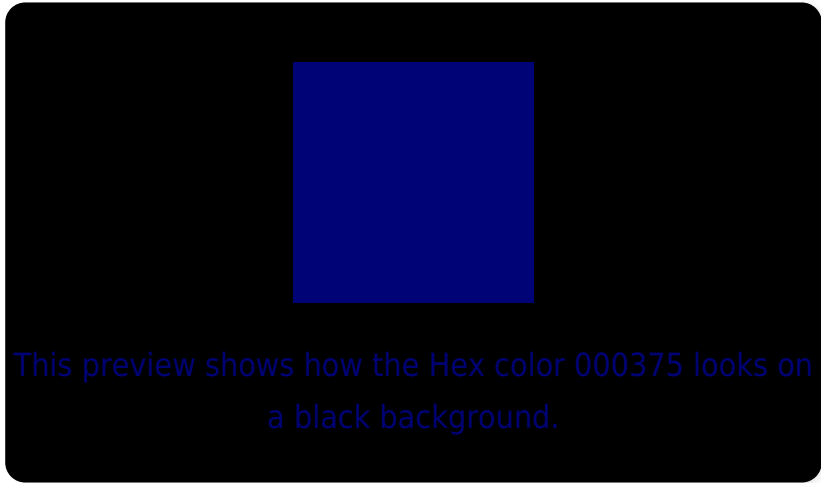
Large Text (above 18pt) WCAG AA ✓ Pass

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

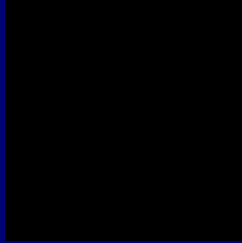
Any Text WCAG AA × Fail

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 000375 Background



This preview shows how black text looks on a background with the Hex color 000375.



This preview shows how white text looks on a background with the Hex color 000375.

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
000375

Protanopia
002248

Deuteranopia
00253D

Trichromacy



Original Color
000375

Protanomaly
001758

Deuteranomaly
001951

Tritanomaly
001A45

Monochromacy



Original Color
000375

Achromatopsia
0F0F0F

Achromatomaly
0A0B34

CSS Examples

Text

The CSS property to change the color of the text to Hex 000375 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 #000375 looks like.

```
.text, #text, p{  
    color:#000375  
}
```

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 #000375 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000375
}
```

Border

The CSS property to change the border of an element to Hex 000375 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
#000375 }
```

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

```
.border{ border-color:#000375 }
```

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

Here you see how a box with a 4 pixel #000375 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000375; -webkit-box-shadow:4px 4px  
4px 4px #000375; box-shadow:4px 4px 4px  
4px #000375 }
```

Background

The CSS property to change the background color of an element to Hex 000375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000375 }
```

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

```
.background{ background-color:#000375 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor