

Converting Colors

Hex(040071)

Have a look what the booklet for
Hex(040071) contains.

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Color

Hex(040071)

Conversions

Conversions Part 1

Format	Color
Hex	040071
RGB	4, 0, 113
RGB Percent	2%, 0%, 44%
CMY	0.9843, 1.0000, 0.5569
CMYK	0.96, 1.00, 0.00, 0.56
HSL	242°, 100%, 22%
HSV	242°, 100%, 44%
XYZ	3.0307, 1.2181, 15.6982
YIQ	14.0780, -33.8890, 35.9910

Conversions

Conversions Part 2

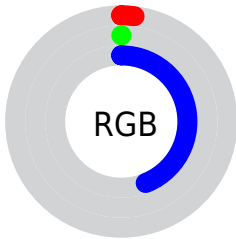
Format	Color
RYB	4, 0, 113
Decimal	262257
CIELab	10.69, 43.51, -58.85
CIELCh	11, 73.191, 306.474
Yxy	1.2181, 0.1519, 0.0611
Android (android.graphics.Color)	4278452337 (0xFF040071)
YUV	14.0780, 48.7685, -8.8384
Hunter-Lab	11.0366, 29.7029, -76.6068

Details

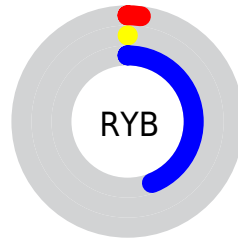
The Hex color **040071** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **6D7100**, and the grayscale version is **0E0E0E**.

A 20% lighter version of the original color is **4F30A6**, and **00043F** is the 20% darker color. If you saturate the color by 10%, you get **040071**, and if you desaturate by 10%, it is **0F0B71**.

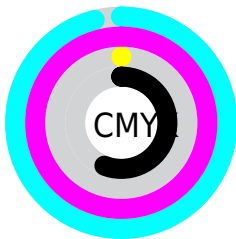
Distribution



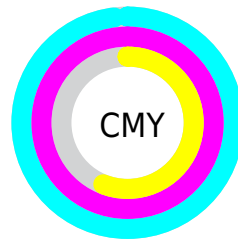
- Red (2%)
- Green (0%)
- Blue (44%)



- Red (2%)
- Yellow (0%)
- Blue (44%)



- Cyan (96%)
- Magenta (100%)
- Yellow (0%)
- Black (56%)



- Cyan (98%)
- Magenta (100%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 040071 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 040071 by changing the saturation by 10% instead.

 040071

 040071

 FFE8FF

 000058

 4F30A6

 00043F

 6B48C2

 000328

 8861DE

 000112

 A47AFB

 000000

 C195FF

 DEB0FF

 FCCCFF

 040071

■ 0F0B71

■ 1A1771

■ 252271

■ 302D71

■ 3B3971

■ 454471

■ 504F71

■ 5B5A71

■ 666671

Harmonies

Analogous

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



002586



040071



5A0046

Triad

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



040071



420200



002B27

Complementary

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



040071



6D7100

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



040071



1C1F00

Square

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



040071



5E0000



002900



002E59

Rectangle

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



040071



670025



002900



002A16

Sweetspot

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



040071



696894



006D71



302F4A



C9C9C9



4A4A4A

Same Dimension

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



040071



050094



3C0071



333238



040078



0900F7

Inverse Universe

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



71006D



94008F



357100



383238



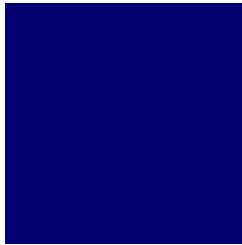
780074



F700EF

Previews

White Background



This preview shows how the Hex color 040071 looks on a white background.

Color Contrast Check

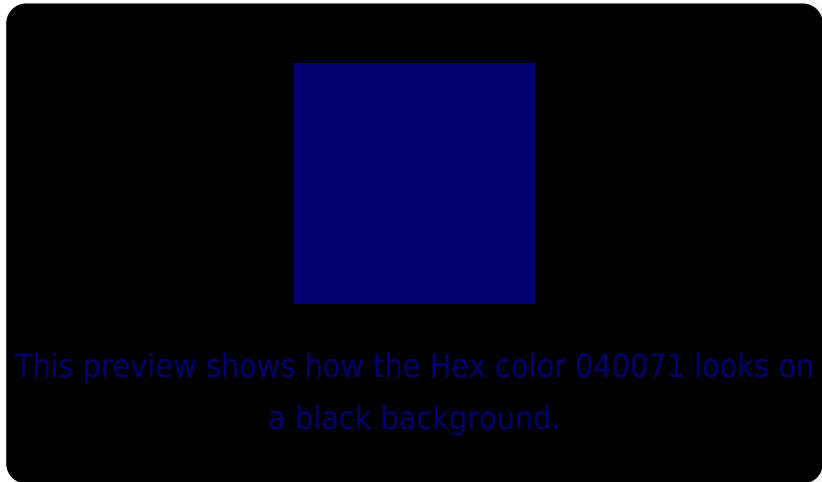
Large Text (above 18pt) WCAG AA ✓ Pass

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

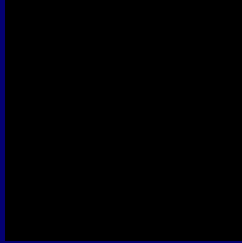
Any Text WCAG AA × Fail

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 040071 Background



This preview shows how black text looks on a background with the Hex color 040071.



This preview shows how white text looks on a background with the Hex color 040071.

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
040071

Protanopia
002145

Deuteranopia
00233B

Trichromacy



Original Color
040071

Protanomaly
011555

Deuteranomaly
01164F

Tritanomaly
011843

Monochromacy



Original Color
040071

Achromatopsia
0E0E0E

Achromatomaly
0A0932

CSS Examples

Text

The CSS property to change the color of the text to Hex 040071 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 #040071 looks like.

```
.text, #text, p{  
    color:#040071  
}
```

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 #040071 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #040071
}
```

Border

The CSS property to change the border of an element to Hex 040071 is called "border". The border property can be set on classes, ids or directly on the HTML element.

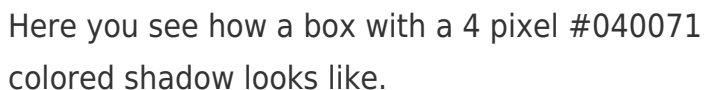
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#040071 }
```

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

```
.border{ border-color:#040071 }
```

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



Here you see how a box with a 4 pixel #040071 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #040071; -webkit-box-shadow:4px 4px  
4px 4px #040071; box-shadow:4px 4px 4px  
4px #040071 }
```

Background

The CSS property to change the background color of an element to Hex 040071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#040071 }
```

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

```
.background{ background-color:#040071 }
```

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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