

Converting Colors

Hex(001037)

Have a look what the booklet for
Hex(001037) contains.

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Color

Hex(001037)

Conversions

Conversions Part 1

Format	Color
Hex	001037
RGB	0, 16, 55
RGB Percent	0%, 6%, 22%
CMY	1.0000, 0.9373, 0.7843
CMYK	1.00, 0.71, 0.00, 0.78
HSL	223°, 100%, 11%
HSV	223°, 100%, 22%
XYZ	0.8749, 0.6464, 3.6931
YIQ	15.6620, -22.0550, 8.7370

Conversions

Conversions Part 2

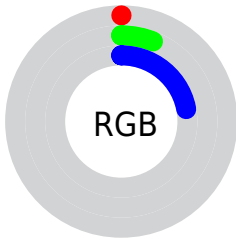
Format	Color
RYB	0, 12, 55
Decimal	4151
CIELab	5.84, 10.65, -27.09
CIELCh	6, 29.106, 291.470
Yxy	0.6464, 0.1678, 0.1240
Android (android.graphics.Color)	4278194231 (0xFF001037)
YUV	15.6620, 19.3936, -13.7356
Hunter-Lab	8.0400, 5.3536, -21.6062

Details

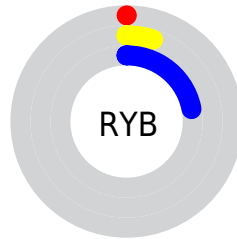
The Hex color **001037** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **372700**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **333A66**, and **000007** is the 20% darker color. If you saturate the color by 10%, you get **001037**, and if you desaturate by 10%, it is **051437**.

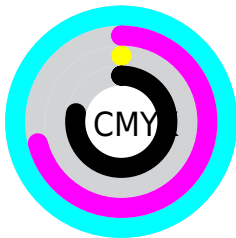
Distribution



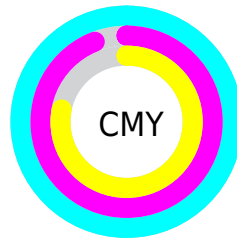
- Red (0%)
- Green (6%)
- Blue (22%)



- Red (0%)
- Yellow (5%)
- Blue (22%)



- Cyan (100%)
- Magenta (71%)
- Yellow (0%)
- Black (78%)



- Cyan (100%)
- Magenta (94%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001037 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 001037 by changing the saturation by 10% instead.

 001037

 001037

 EDEFFF

 000221

 333A66

 000007

 4C5180

 000000

 65699A

 7F82B5

 999CD0

 B5B7ED

 D1D2FF

 001037

■ 051437

■ 0B1837

■ 111C37

■ 162037

■ 1C2437

■ 212737

■ 272B37

■ 2C2F37

■ 323337

Harmonies

Analogous

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



001839



001037



24042B

Triad

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



001037



2C0600



001D0A

Complementary

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



001037



372700

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.



001C00



001037



1F1000

Square

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



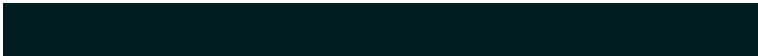
001037



340000



051700



001E21

Rectangle

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



001037



2E0020



051700



001D00

Sweetspot

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



001037



323847



003727



171B24



A3A3A3



242424

Same Dimension

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



001037



001547



0B0037



191A1C



001B5C



0040DB

Inverse Universe

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



370010



470015



2C3700



1C191A



5C001B



DB0040

Previews

White Background



This preview shows how the Hex color 001037 looks on a white background.

Color Contrast Check

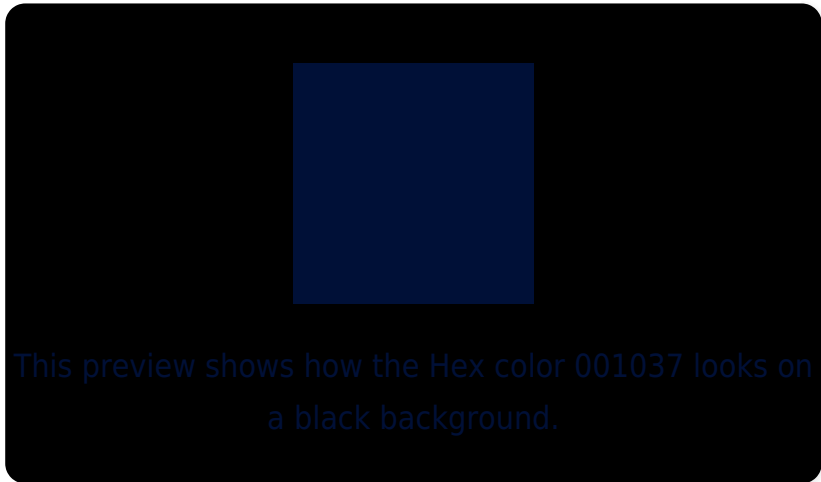
Large Text (above 18pt) WCAG AA ✓ Pass

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

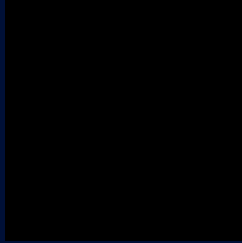
Any Text WCAG AA × Fail

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 001037 Background



This preview shows how black text looks on a background with the Hex color 001037.



This preview shows how white text looks on a background with the Hex color 001037.

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
001037

Protanopia
00142A

Deuteranopia
001624



Tritanopia
001718

Trichromacy



Original Color
001037

Protanomaly
00132F

Deuteranomaly
00142B

Tritanomaly
001423

Monochromacy



Original Color
001037

Achromatopsia
101010

Achromatomaly
0A101E

CSS Examples

Text

The CSS property to change the color of the text to Hex 001037 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 #001037 looks like.

```
.text, #text, p{  
    color:#001037  
}
```

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 #001037 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001037
}
```

Border

The CSS property to change the border of an element to Hex 001037 is called "border". The border property can be set on classes, ids or directly on the HTML element.

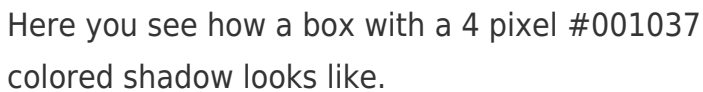
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#001037 }
```

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

```
.border{ border-color:#001037 }
```

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



Here you see how a box with a 4 pixel #001037 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001037; -webkit-box-shadow:4px 4px  
4px 4px #001037; box-shadow:4px 4px 4px  
4px #001037 }
```

Background

The CSS property to change the background color of an element to Hex 001037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001037 }
```

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

```
.background{ background-color:#001037 }
```

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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