

Converting Colors

Hex(01003F)

Have a look what the booklet for
Hex(01003F) contains.

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Color

Hex(01003F)

Conversions

Conversions Part 1

Format	Color
Hex	01003F
RGB	1, 0, 63
RGB Percent	0%, 0%, 25%
CMY	0.9961, 1.0000, 0.7529
CMYK	0.98, 1.00, 0.00, 0.75
HSL	241°, 100%, 12%
HSV	241°, 100%, 25%
XYZ	0.9097, 0.3653, 4.7252
YIQ	7.4810, -19.6270, 19.8050

Conversions

Conversions Part 2

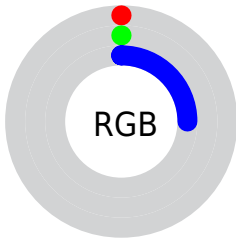
Format	Color
RYB	1, 0, 63
Decimal	65599
CIELab	3.30, 22.97, -37.01
CIELCh	3, 43.556, 301.828
Yxy	0.3653, 0.1516, 0.0609
Android (android.graphics.Color)	4278255679 (0xFF01003F)
YUV	7.4810, 27.3709, -5.6838
Hunter-Lab	6.0443, 16.2884, -42.1197

Details

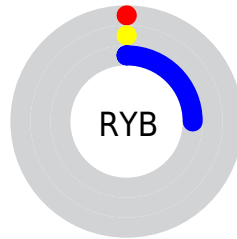
The Hex color **01003F** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3E3F00**, and the grayscale version is **070707**.

A 20% lighter version of the original color is **372E70**, and **000112** is the 20% darker color. If you saturate the color by 10%, you get **01003F**, and if you desaturate by 10%, it is **07063F**.

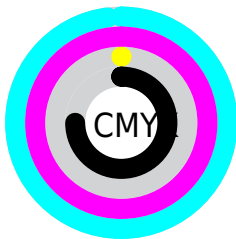
Distribution



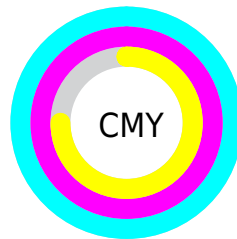
- Red (0%)
- Green (0%)
- Blue (25%)



- Red (0%)
- Yellow (0%)
- Blue (25%)



- Cyan (98%)
- Magenta (100%)
- Yellow (0%)
- Black (75%)



- Cyan (100%)
- Magenta (100%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 01003F 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 01003F by changing the saturation by 10% instead.

 01003F

 01003F

 F4E0FF

 000328

 372E70

 000112

 504489

 000000

 6A5CA4

 8475BF

 9F8EDB

 BBA9F8

 D8C4FF

 01003F

■ 07063F

■ 0D0D3F

■ 14133F

■ 1A193F

■ 20203F

■ 26263F

■ 2C2C3F

■ 33323F

■ 39393F

Harmonies

Analogous

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



001148



01003F



2F0029

Triad

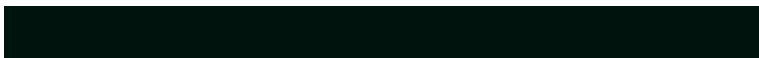
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



01003F



290000



00140E

Complementary

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



01003F



3E3F00

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.



001400



01003F



0E0C00

Square

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



01003F



360000



001400



00162C

Rectangle

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



01003F



380018



001400

Sweetspot

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



01003F



3A3952



003F3F



1A1A29



A8A8A8



292929

Same Dimension

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



01003F



010052



20003F



1C1C1F



01005E



0400DE

Inverse Universe

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



3F003E



520050



203F00



1F1C1F



5E005D



DE00DA

Previews

White Background



This preview shows how the Hex color 01003F looks on a white background.

Color Contrast Check

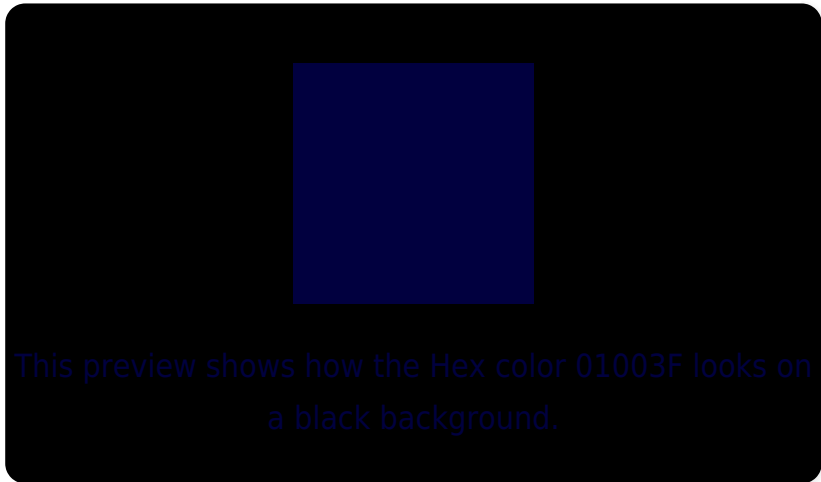
Large Text (above 18pt) WCAG AA ✓ Pass

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

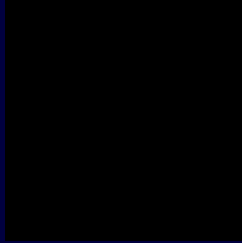
Any Text WCAG AA × Fail

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 01003F Background



This preview shows how black text looks on a background with the Hex color 01003F.



This preview shows how white text looks on a background with the Hex color 01003F.

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
01003F

Protanopia
001227

Deuteranopia
001421



Tritanopia
001516

Trichromacy



Original Color
01003F

Protanomaly
000B30

Deuteranomaly
000D2C

Tritanomaly
000D25

Monochromacy



Original Color
01003F

Achromatopsia
070707

Achromatomaly
05041B

CSS Examples

Text

The CSS property to change the color of the text to Hex 01003F 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 #01003F looks like.

```
.text, #text, p{  
    color:#01003F  
}
```

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 #01003F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01003F
}
```

Border

The CSS property to change the border of an element to Hex 01003F is called "border". The border property can be set on classes, ids or directly on the HTML element.

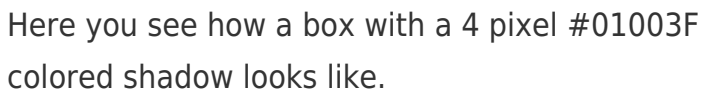
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#01003F }
```

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

```
.border{ border-color:#01003F }
```

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



Here you see how a box with a 4 pixel #01003F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01003F; -webkit-box-shadow:4px 4px  
4px 4px #01003F; box-shadow:4px 4px 4px  
4px #01003F }
```

Background

The CSS property to change the background color of an element to Hex 01003F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01003F }
```

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

```
.background{ background-color:#01003F }
```

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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