

Converting Colors

Hex(00013F)

Have a look what the booklet for
Hex(00013F) contains.

Hex(00013F)	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(00013F)

Conversions

Conversions Part 1

Format	Color
Hex	00013F
RGB	0, 1, 63
RGB Percent	0%, 0%, 25%
CMY	1.0000, 0.9961, 0.7529
CMYK	1.00, 0.98, 0.00, 0.75
HSL	239°, 100%, 12%
HSV	239°, 100%, 25%
XYZ	0.9081, 0.3806, 4.7282
YIQ	7.7690, -20.4980, 19.0700

Conversions

Conversions Part 2

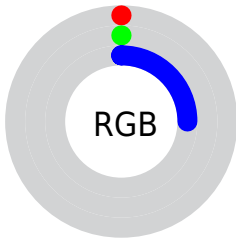
Format	Color
R _Y B	0, 1, 63
Decimal	319
CIE Lab	3.44, 22.31, -36.78
CIE LCh	3, 43.022, 301.238
Yxy	0.3806, 0.1509, 0.0633
Android (android.graphics.Color)	4278190399 (0xFF00013F)
YUV	7.7690, 27.2289, -6.8134
Hunter-Lab	6.1692, 15.4777, -41.1229

Details

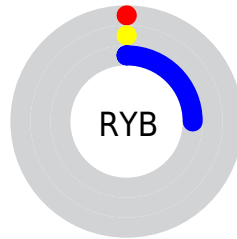
The Hex color **00013F** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3F3E00**, and the grayscale version is **080808**.

A 20% lighter version of the original color is **362E70**, and **000112** is the 20% darker color. If you saturate the color by 10%, you get **00013F**, and if you desaturate by 10%, it is **06073F**.

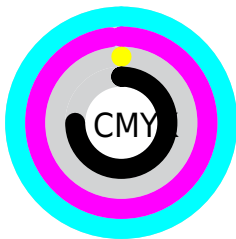
Distribution



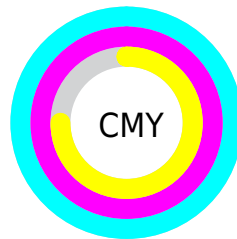
- Red (0%)
- Green (0%)
- Blue (25%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00013F 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 00013F by changing the saturation by 10% instead.

 00013F

 00013F

 F4E1FF

 000328

 362E70

 000112

 4F4589

 000000

 695DA4

 8475BF

 9F8FDB

 BBAAF8

 D7C5FF

 00013F

■ 06073F

■ 0D0D3F

■ 13143F

■ 191A3F

■ 20203F

■ 26263F

■ 2C2C3F

■ 32333F

■ 39393F

Harmonies

Analogous

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



001248



00013F



2E002A

Triad

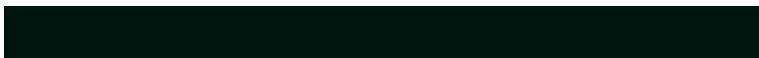
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



00013F



290000



00150E

Complementary

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



00013F



3F3E00

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



00013F



100D00

Square

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



00013F



360000



001400



00162B

Rectangle

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



00013F



380018



001400

Sweetspot

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



00013F



393A52



003F3E



1A1A29



A8A8A8



292929

Same Dimension

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



00013F



000152



1E003F



1C1C1F



00015E



0004DE

Inverse Universe

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



3F0001



520001



213F00



1F1C1C



5E0001



DE0004

Previews

White Background



This preview shows how the Hex color 00013F looks on a white background.

Color Contrast Check

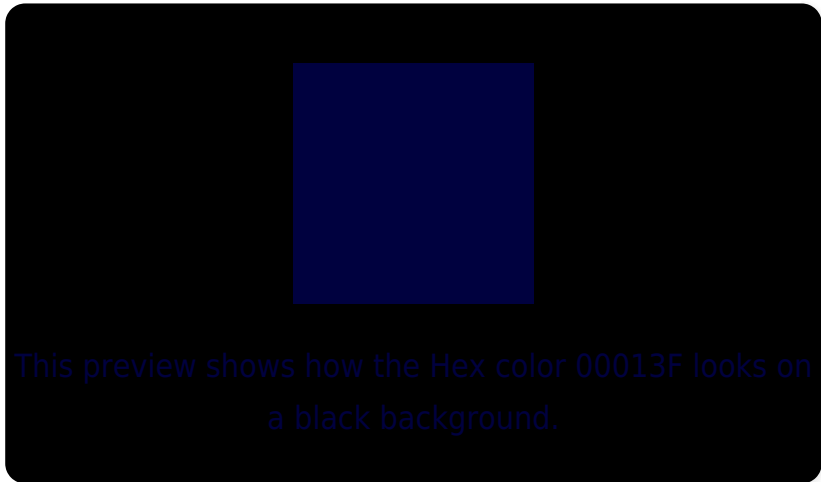
Large Text (above 18pt) WCAG AA ✓ Pass

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

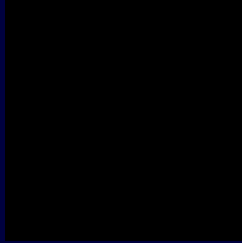
Any Text WCAG AA × Fail

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 00013F Background



This preview shows how black text looks on a background with the Hex color 00013F.



This preview shows how white text looks on a background with the Hex color 00013F.

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
00013F

Protanopia
001227

Deuteranopia
001421



Tritanopia
001516

Trichromacy



Original Color
00013F

Protanomaly
000C30

Deuteranomaly
000D2C

Tritanomaly
000E25

Monochromacy



Original Color
00013F

Achromatopsia
080808

Achromatomaly
05051C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00013F 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 #00013F looks like.

```
.text, #text, p{  
    color:#00013F  
}
```

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 #00013F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00013F
}
```

Border

The CSS property to change the border of an element to Hex 00013F is called "border". The border property can be set on classes, ids or directly on the HTML element.

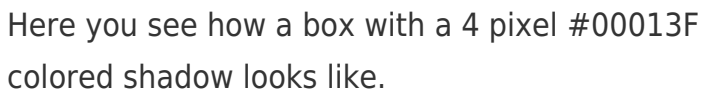
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00013F }
```

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

```
.border{ border-color:#00013F }
```

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



Here you see how a box with a 4 pixel #00013F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00013F; -webkit-box-shadow:4px 4px  
4px 4px #00013F; box-shadow:4px 4px 4px  
4px #00013F }
```

Background

The CSS property to change the background color of an element to Hex 00013F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00013F }
```

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

```
.background{ background-color:#00013F }
```

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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