

Converting Colors

Hex(3F013B)

Have a look what the booklet for
Hex(3F013B) contains.

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Color

Hex(3F013B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 3F013B |
| RGB | 63, 1, 59 |
| RGB Percent | 25%, 0%, 23% |
| CMY | 0.7529, 0.9961, 0.7686 |
| CMYK | 0.00, 0.98, 0.06, 0.75 |
| HSL | 304°, 97%, 13% |
| HSV | 304°, 98%, 25% |
| XYZ | 2.8502, 1.3942, 4.2566 |
| YIQ | 26.1500, 18.3340, 31.1820 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 63, 1, 59 |
| Decimal | 4129083 |
| CIELab | 11.92, 35.00, -19.74 |
| CIElCh | 12, 40.182, 330.573 |
| Yxy | 1.3942, 0.3353, 0.1640 |
| Android (android.graphics.Color) | 4282319163 (0xFF3F013B) |
| YUV | 26.1500, 16.1951, 32.3175 |
| Hunter-Lab | 11.8078, 22.4228, -13.1079 |

Details

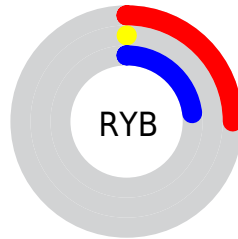
The Hex color **3F013B** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **013F05**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **71346B**, and **00000E** is the 20% darker color. If you saturate the color by 10%, you get **3F003B**, and if you desaturate by 10%, it is **3F073B**.

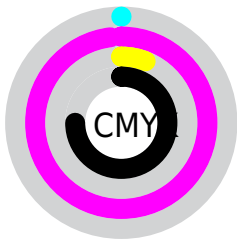
Distribution



- Red (25%)
- Green (0%)
- Blue (23%)



- Red (25%)
- Yellow (0%)
- Blue (23%)



- Cyan (0%)
- Magenta (98%)
- Yellow (6%)
- Black (75%)



- Cyan (75%)
- Magenta (100%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F013B 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 3F013B by changing the saturation by 10% instead.

 3F013B

 3F013B

 FFEEFF

 2A0025

 71346B

 00000E

 8C4D84

 000000

 A7669E

 C37FB9

 DF9AD5

 FCB5F1

 FFD1FF

 3F013B

 3F013B

■ 3F003B

■ 3F073B

■ 3F0E3C

■ 3F143C

■ 3F1A3D

■ 3F213D

■ 3F273D

■ 3F2D3E

■ 3F333E

■ 3F3A3F

Harmonies

Analogous

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



181750



3F013B



4C0020

Triad

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



3F013B



281F00



002B3B

Complementary

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



3F013B



013F05

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.



002B1F



3F013B



0A2500

Square

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



3F013B



3D1200



002900



002950

Rectangle

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



3F013B



4D000C



002900



002B32

Sweetspot

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



3F013B



523950



04013F



291A28



A8A8A8



292929

Same Dimension

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



3F013B



52004C



3F011D



1F1C1E



5E0058



DE00D0

Inverse Universe

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



3F013B



52004C



013F23



1F1C1E



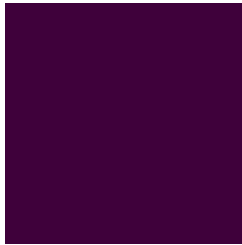
5E0058



DE00D0

Previews

White Background



This preview shows how the Hex color 3F013B looks on a white background.

Color Contrast Check

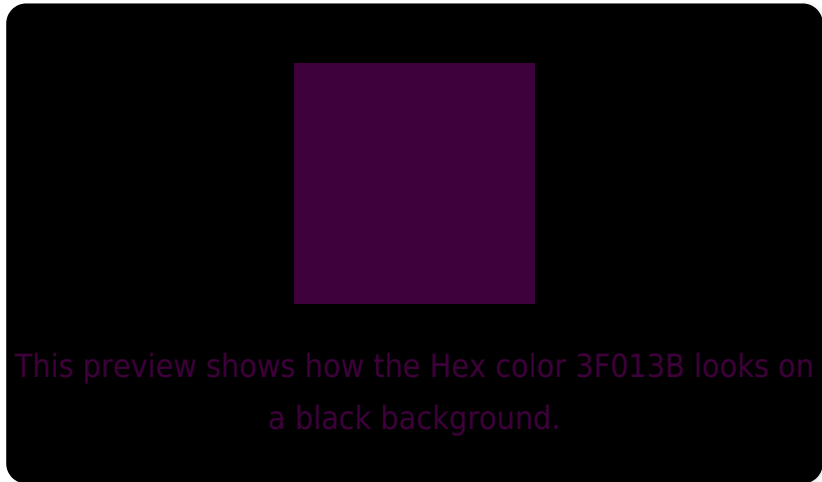
Large Text (above 18pt) WCAG AA ✓ Pass

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

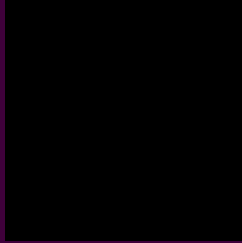
Any Text WCAG AA × Fail

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 3F013B Background



This preview shows how black text looks on a background with the Hex color 3F013B.



This preview shows how white text looks on a background with the Hex color 3F013B.

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
3F013B

Protanopia
002249

Deuteranopia
192437



Tritanopia
3C1719

Trichromacy



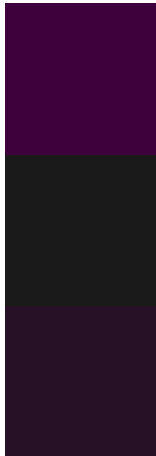
Original Color
3F013B

Protanomaly
171644

Deuteranomaly
271738

Tritanomaly
3D0F25

Monochromacy



Original Color
3F013B

Achromatopsia
1A1A1A

Achromatomaly
271126

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F013B 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 #3F013B looks like.

```
.text, #text, p{  
    color:#3F013B  
}
```

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 #3F013B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F013B
}
```

Border

The CSS property to change the border of an element to Hex 3F013B is called "border". The border property can be set on classes, ids or directly on the HTML element.

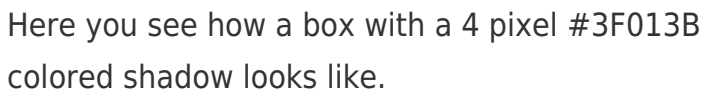
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F013B }
```

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

```
.border{ border-color:#3F013B }
```

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



Here you see how a box with a 4 pixel #3F013B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F013B; -webkit-box-shadow:4px 4px  
4px 4px #3F013B; box-shadow:4px 4px 4px  
4px #3F013B }
```

Background

The CSS property to change the background color of an element to Hex 3F013B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F013B }
```

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

```
.background{ background-color:#3F013B }
```

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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