

Converting Colors

Hex(3F002B)

Have a look what the booklet for
Hex(3F002B) contains.

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Color

Hex(3F002B)

Conversions

Conversions Part 1

Format	Color
Hex	3F002B
RGB	63, 0, 43
RGB Percent	25%, 0%, 17%
CMY	0.7529, 1.0000, 0.8314
CMYK	0.00, 1.00, 0.32, 0.75
HSL	319°, 100%, 12%
HSV	319°, 100%, 25%
XYZ	2.4859, 1.2312, 2.3921
YIQ	23.7390, 23.7450, 26.7290

Conversions

Conversions Part 2

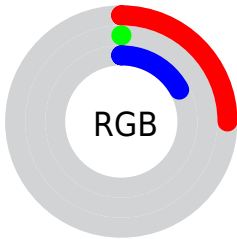
Format	Color
RYB	63, 0, 43
Decimal	4128811
CIELab	10.79, 32.96, -9.83
CIELCh	11, 34.399, 343.390
Yxy	1.2312, 0.4069, 0.2015
Android (android.graphics.Color)	4282318891 (0xFF3F002B)
YUV	23.7390, 9.4957, 34.4319
Hunter-Lab	11.0959, 20.5739, -5.0150

Details

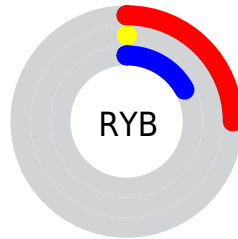
The Hex color **3F002B** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **003F14**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **723258**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3F002B**, and if you desaturate by 10%, it is **3F062D**.

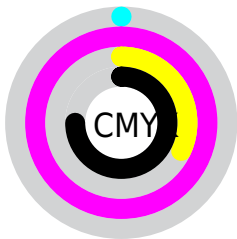
Distribution



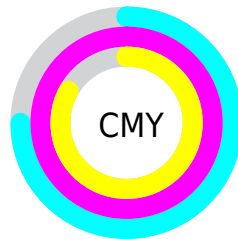
- Red (25%)
- Green (0%)
- Blue (17%)



- Red (25%)
- Yellow (0%)
- Blue (17%)



- Cyan (0%)
- Magenta (100%)
- Yellow (32%)
- Black (75%)



- Cyan (75%)
- Magenta (100%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F002B 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 3F002B by changing the saturation by 10% instead.

 3F002B

 3F002B

 FFEBFF

 2A0017

 723258

 000000

 8C4A71

 A7638A

 C37DA5

 E097C0

 FDB3DC

 FFCEF8

 3F002B

■ 3F062D

■ 3F0D2F

■ 3F1331

■ 3F1933

■ 3F2035

■ 3F2637

■ 3F2C39

■ 3F323B

■ 3F393D

Harmonies

Analogous

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



2A1040



3F002B



450013

Triad

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



3F002B



1C1F00



00273D

Complementary

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



3F002B



003F14

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.



002827



3F002B



002400

Square

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



3F002B



301700



00270D



00234A

Rectangle

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



3F002B



420300



00270D



002736

Sweetspot

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



3F002B



52394A



14003F



291A24



A8A8A8



292929

Same Dimension

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



3F002B



520038



3F000C



1F1C1E



5E0040



DE0097

Inverse Universe

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



3F002B



520038



003F33



1F1C1E



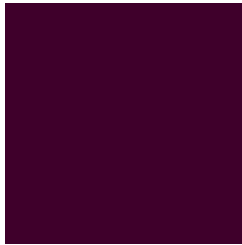
5E0040



DE0097

Previews

White Background



This preview shows how the Hex color 3F002B looks on a white background.

Color Contrast Check

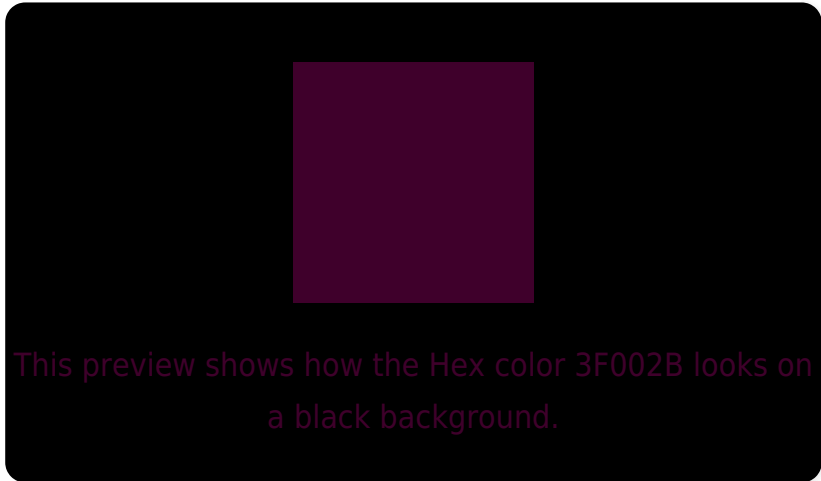
Large Text (above 18pt) WCAG AA ✓ Pass

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

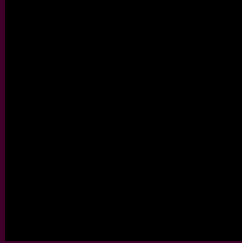
Any Text WCAG AA × Fail

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 3F002B Background



This preview shows how black text looks on a background with the Hex color 3F002B.



This preview shows how white text looks on a background with the Hex color 3F002B.

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
3F002B

Protanopia
14213D

Deuteranopia
222128

Trichromacy



Original Color
3F002B

Protanomaly
241536

Deuteranomaly
2D1529

Tritanomaly
3E0B1B

Monochromacy



Original Color
3F002B

Achromatopsia
181818

Achromatomaly
260F1F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F002B 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 #3F002B looks like.

```
.text, #text, p{  
    color:#3F002B  
}
```

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 #3F002B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F002B
}
```

Border

The CSS property to change the border of an element to Hex 3F002B 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".

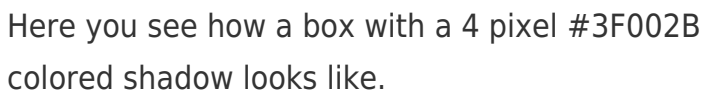
```
.border, #border, table{ border:4px solid
#3F002B }
```

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

```
.border{ border-color:#3F002B }
```

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

Here you see how a box with a 4 pixel #3F002B colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F002B; -webkit-box-shadow:4px 4px  
4px 4px #3F002B; box-shadow:4px 4px 4px  
4px #3F002B }
```

Background

The CSS property to change the background color of an element to Hex 3F002B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F002B }
```

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

```
.background{ background-color:#3F002B }
```

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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