

Converting Colors

Hex(3F0021)

Have a look what the booklet for
Hex(3F0021) contains.

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Color

Hex(3F0021)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 3F0021 |
| RGB | 63, 0, 33 |
| RGB Percent | 25%, 0%, 13% |
| CMY | 0.7529, 1.0000, 0.8706 |
| CMYK | 0.00, 1.00, 0.48, 0.75 |
| HSL | 329°, 100%, 12% |
| HSV | 329°, 100%, 25% |
| XYZ | 2.3244, 1.1666, 1.5415 |
| YIQ | 22.5990, 26.9550, 23.6190 |

Conversions

Conversions Part 2

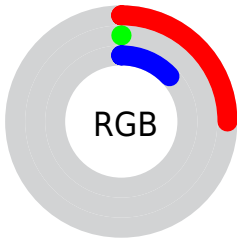
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 63, 0, 33 |
| Decimal | 4128801 |
| CIELab | 10.31, 31.73, -3.02 |
| CIELCh | 10, 31.877, 354.557 |
| Yxy | 1.1666, 0.4619, 0.2318 |
| Android (android.graphics.Color) | 4282318881 (0xFF3F0021) |
| YUV | 22.5990, 5.1277, 35.4317 |
| Hunter-Lab | 10.8008, 19.5133, -0.9014 |

Details

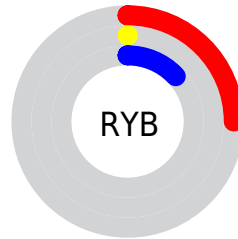
The Hex color **3F0021** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **003F1E**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **72324D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3F0021**, and if you desaturate by 10%, it is **3F0624**.

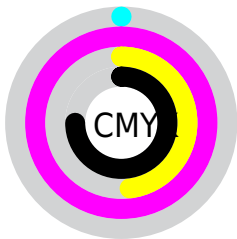
Distribution



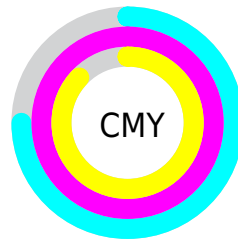
- Red (25%)
- Green (0%)
- Blue (13%)



- Red (25%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (48%)
- Black (75%)



- Cyan (75%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F0021 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 3F0021 by changing the saturation by 10% instead.

 3F0021

 3F0021

 FFEAFF

 2B000A

 72324D

 000000

 8D4A65

 A8637E

 C47C98

 E197B2

 FEB2CE

 FFCDEA

 3F0021

■ 3F0624

■ 3F0D27

■ 3F132A

■ 3F192D

■ 3F2030

■ 3F2633

■ 3F2C36

■ 3F3239

■ 3F393C

Harmonies

Analogous

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



310B35



3F0021



400207

Triad

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



3F0021



132000



00243F

Complementary

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



3F0021



003F1E

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.



00262E



3F0021



002400

Square

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



3F0021



281A00



002617



002048

Rectangle

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



3F0021



3B0B00



002617



00253A

Sweetspot

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



3F0021



523946



1D003F



291A22



A8A8A8



292929

Same Dimension

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



3F0021



52002B



3F0002



1F1C1D



5E0031



DE0074

Inverse Universe

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



3F0021



52002B



003F3D



1F1C1D



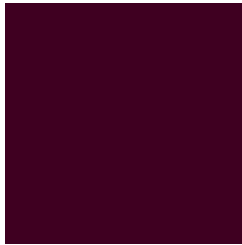
5E0031



DE0074

Previews

White Background



This preview shows how the Hex color 3F0021 looks on a white background.

Color Contrast Check

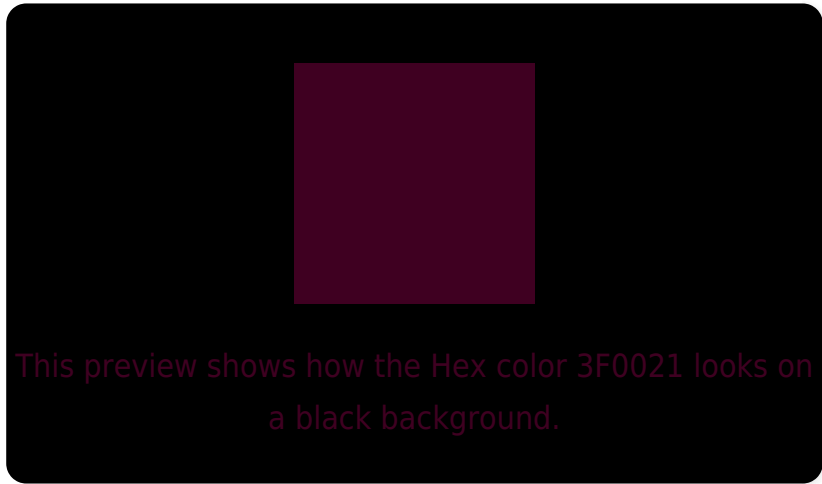
Large Text (above 18pt) WCAG AA ✓ Pass

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

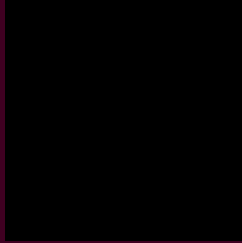
Any Text WCAG AA × Fail

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 3F0021 Background



This preview shows how black text looks on a background with the Hex color 3F0021.



This preview shows how white text looks on a background with the Hex color 3F0021.

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](#).

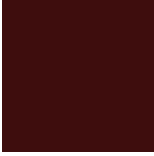
Dichromacy



Original Color
3F0021

Protanopia
1C2030

Deuteranopia
25201E



Tritanopia
3E0D0D

Trichromacy



Original Color
3F0021

Protanomaly
29142B

Deuteranomaly
2E141F

Tritanomaly
3E0814

Monochromacy



Original Color
3F0021

Achromatopsia
171717

Achromatomaly
260F1B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F0021 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 #3F0021 looks like.

```
.text, #text, p{  
    color:#3F0021  
}
```

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 #3F0021 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F0021
}
```

Border

The CSS property to change the border of an element to Hex 3F0021 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".

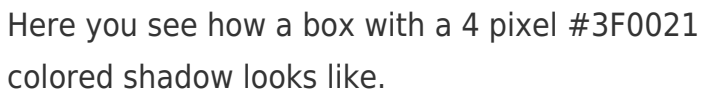
```
.border, #border, table{ border:4px solid
#3F0021 }
```

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

```
.border{ border-color:#3F0021 }
```

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

Here you see how a box with a 4 pixel #3F0021 colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F0021; -webkit-box-shadow:4px 4px  
4px 4px #3F0021; box-shadow:4px 4px 4px  
4px #3F0021 }
```

Background

The CSS property to change the background color of an element to Hex 3F0021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F0021 }
```

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

```
.background{ background-color:#3F0021 }
```

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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