

Converting Colors

Hex(40001F)

Have a look what the booklet for
Hex(40001F) contains.

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Color

Hex(40001F)

Conversions

Conversions Part 1

Format	Color
Hex	40001F
RGB	64, 0, 31
RGB Percent	25%, 0%, 12%
CMY	0.7490, 1.0000, 0.8784
CMYK	0.00, 1.00, 0.52, 0.75
HSL	331°, 100%, 13%
HSV	331°, 100%, 25%
XYZ	2.3617, 1.1889, 1.4013
YIQ	22.6700, 28.1930, 23.2090

Conversions

Conversions Part 2

Format	Color
RYB	64, 0, 31
Decimal	4194335
CIELab	10.48, 31.78, -1.22
CIELCh	10, 31.808, 357.798
Yxy	1.1889, 0.4769, 0.2401
Android (android.graphics.Color)	4282384415 (0xFF40001F)
YUV	22.6700, 4.1067, 36.2464
Hunter-Lab	10.9038, 19.5803, 0.0128

Details

The Hex color **40001F** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **004021**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **73324B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **40001F**, and if you desaturate by 10%, it is **400622**.

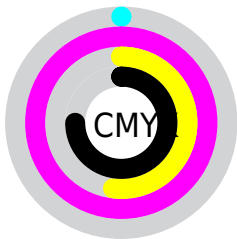
Distribution



- Red (25%)
- Green (0%)
- Blue (12%)



- Red (25%)
- Yellow (0%)
- Blue (12%)



- Cyan (0%)
- Magenta (100%)
- Yellow (52%)
- Black (75%)



- Cyan (75%)
- Magenta (100%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40001F 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 40001F by changing the saturation by 10% instead.

 40001F

 40001F

 FFEAFF

 2C0006

 73324B

 000000

 8E4A62

 AA637B

 C67C95

 E297B0

 FFB2CB

 FFC EE7

 40001F

■ 400622

■ 400D26

■ 401329

■ 401A2C

■ 402030

■ 402633

■ 402D36

■ 403339

■ 403A3D

Harmonies

Analogous

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



340A34



40001F



400404

Triad

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



40001F



112100



002441

Complementary

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



40001F



004021

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.



002630



40001F



002400

Square

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



40001F



261B00



00261A



002048

Rectangle

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



40001F



3A0D00



00261A



00253C

Sweetspot

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



40001F



543B47



200040



2B1C23



ABABAB



2B2B2B

Same Dimension

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



40001F



540029



400000



211E1F



61002F



E0006D

Inverse Universe

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



40001F



540029



004040



211E1F



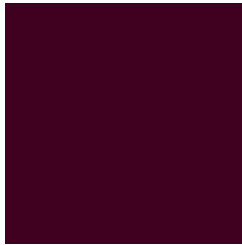
61002F



E0006D

Previews

White Background



This preview shows how the Hex color 40001F looks on a white background.

Color Contrast Check

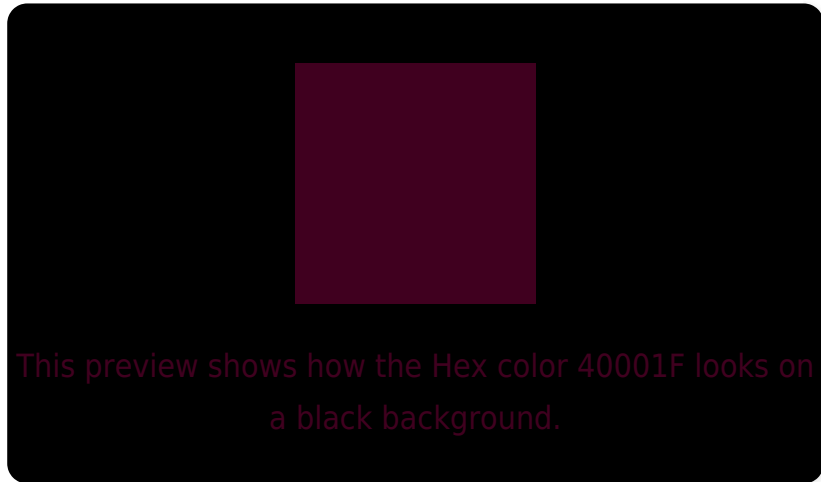
Large Text (above 18pt) WCAG AA ✓ Pass

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

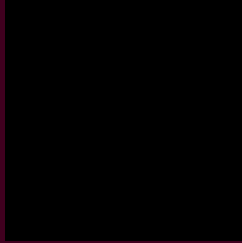
Any Text WCAG AA × Fail

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 40001F Background



This preview shows how black text looks on a background with the Hex color 40001F.



This preview shows how white text looks on a background with the Hex color 40001F.

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

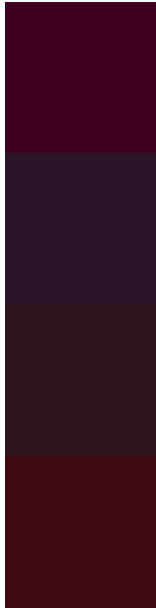


Original Color
40001F

Protanopia
1E212D

Deuteranopia
26201C

Trichromacy



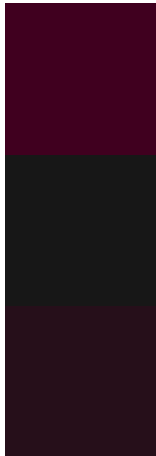
Original Color
40001F

Protanomaly
2A1528

Deuteranomaly
2F141D

Tritanomaly
3F0813

Monochromacy



Original Color
40001F

Achromatopsia
171717

Achromatomaly
260F1A

CSS Examples

Text

The CSS property to change the color of the text to Hex 40001F 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 #40001F looks like.

```
.text, #text, p{  
    color:#40001F  
}
```

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 #40001F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40001F
}
```

Border

The CSS property to change the border of an element to Hex 40001F is called "border". The border property can be set on classes, ids or directly on the HTML element.

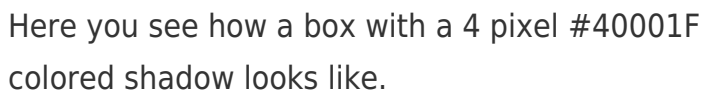
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#40001F }
```

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

```
.border{ border-color:#40001F }
```

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



Here you see how a box with a 4 pixel #40001F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40001F; -webkit-box-shadow:4px 4px  
4px 4px #40001F; box-shadow:4px 4px 4px  
4px #40001F }
```

Background

The CSS property to change the background color of an element to Hex 40001F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40001F }
```

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

```
.background{ background-color:#40001F }
```

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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