

# Converting Colors

Hex(40001E)

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

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**Color**

**Hex(40001E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	40001E
RGB	64, 0, 30
RGB Percent	25%, 0%, 12%
CMY	0.7490, 1.0000, 0.8824
CMYK	0.00, 1.00, 0.53, 0.75
HSL	332°, 100%, 13%
HSV	332°, 100%, 25%
XYZ	2.3487, 1.1837, 1.3330
YIQ	22.5560, 28.5140, 22.8980

# Conversions

## Conversions Part 2

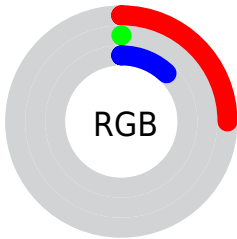
Format	Color
<a href="#">RYB</a>	<a href="#">64, 0, 30</a>
Decimal	<a href="#">4194334</a>
CIELab	<a href="#">10.44, 31.68, -0.51</a>
CIElCh	<a href="#">10, 31.688, 359.070</a>
Yxy	<a href="#">1.1837, 0.4827, 0.2433</a>
Android (android.graphics.Color)	<a href="#">4282384414</a> ( <a href="#">0xFF40001E</a> )
YUV	<a href="#">22.5560, 3.6699, 36.3464</a>
Hunter-Lab	<a href="#">10.8799, 19.4937, 0.3518</a>

# Details

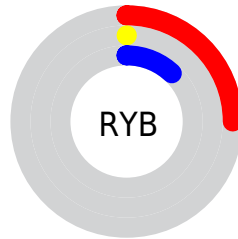
The Hex color **40001E** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **004022**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **733249**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **40001E**, and if you desaturate by 10%, it is **400621**.

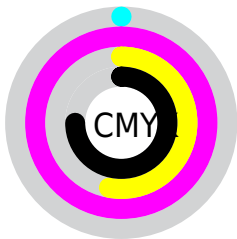
# Distribution



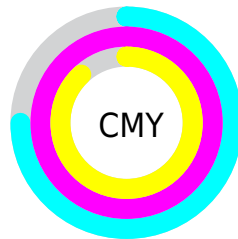
- Red (25%)
- Green (0%)
- Blue (12%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (53%)
- Black (75%)



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

# Brightness & Saturation Gradients

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



 40001E

 40001E

 FFEAFF

 2C0004

 733249

 000000

 8E4A61

 AA637A

 C67C94

 E397AE

 FFB2CA

 FFC EE6

 40001E

■ 400621

■ 400D25

■ 401328

■ 401A2C

■ 40202F

■ 402632

■ 402D36

■ 403339

■ 403A3D

# Harmonies

## Analogous

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



350933



40001E



400402

# Triad

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



40001E



102100



002441

# Complementary

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



40001E



004022

# 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.



002631



40001E



002400

# Square

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



40001E



251B00



00261B



001F48

# Rectangle

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



40001E



3A0D00



00261B



00253D



# Sweetspot

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



40001E



543B47



210040



2B1C23



ABABAB



2B2B2B



# Same Dimension

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



40001E



540027



400100



211E1F



61002D



E00069



# Inverse Universe

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



40001E



540027



003F40



211E1F



61002D

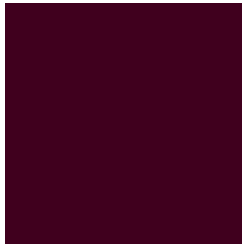


E00069



# Previews

## White Background



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

## Color Contrast Check

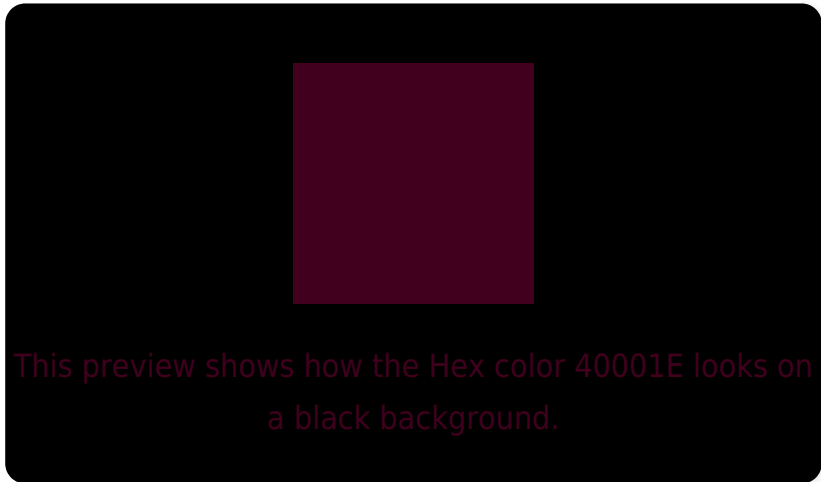
Large Text (above 18pt) WCAG AA ✓ Pass

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

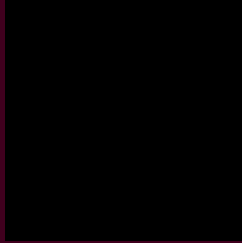
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 40001E Background



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



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

# 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



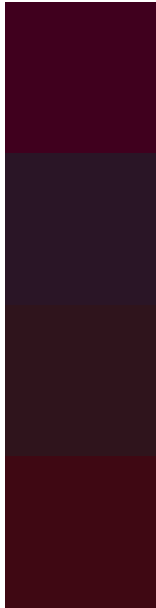
**Original Color**  
40001E

**Protanopia**  
1E212B

**Deuteranopia**  
26201B



# Trichromacy



**Original Color**  
40001E

**Protanomaly**  
2A1526

**Deuteranomaly**  
2F141C

**Tritanomaly**  
3F0813

# Monochromacy



**Original Color**  
40001E

**Achromatopsia**  
171717

**Achromatomaly**  
260F1A

# CSS Examples

## Text

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

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

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 #40001E colored shadow looks like.

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

## Border

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

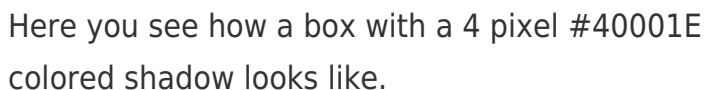
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

# Background

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

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

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

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

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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