

# Converting Colors

Hex(34001E)

Have a look what the booklet for  
Hex(34001E) contains.

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**Color**

**Hex(34001E)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 34001E                    |
| RGB         | 52, 0, 30                 |
| RGB Percent | 20%, 0%, 12%              |
| CMY         | 0.7961, 1.0000, 0.8824    |
| CMYK        | 0.00, 1.00, 0.42, 0.80    |
| HSL         | 325°, 100%, 10%           |
| HSV         | 325°, 100%, 20%           |
| XYZ         | 1.6505, 0.8238, 1.3003    |
| YIQ         | 18.9680, 21.3620, 20.3540 |

# Conversions

## Conversions Part 2

| Format                              | Color                       |
|-------------------------------------|-----------------------------|
| R <sub>Y</sub> B                    | 52, 0, 30                   |
| Decimal                             | 3407902                     |
| CIE Lab                             | 7.44, 28.44, -5.30          |
| CIE LCh                             | 7, 28.928, 349.445          |
| Yxy                                 | 0.8238, 0.4373,<br>0.2182   |
| Android<br>(android.graphics.Color) | 4281597982<br>(0xFF34001E)  |
| YUV                                 | 18.9680, 5.4388,<br>28.9691 |
| Hunter-Lab                          | 9.0764, 16.5763,<br>-2.1407 |

# Details

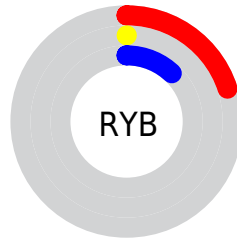
The Hex color **34001E** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **003416**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **662E4A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **34001E**, and if you desaturate by 10%, it is **340520**.

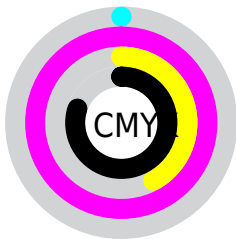
# Distribution



- Red (20%)
- Green (0%)
- Blue (12%)



- Red (20%)
- Yellow (0%)
- Blue (12%)



- Cyan (0%)
- Magenta (100%)
- Yellow (42%)
- Black (80%)



- Cyan (80%)
- Magenta (100%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34001E 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 34001E by changing the saturation by 10% instead.



 34001E

 34001E

 FFE5FF

 1F0003

 662E4A

 000000

 7F4661

 9A5E7A

 B67894

 D292AF

 EFADCA

 FFC8E6

 34001E

■ 340520

■ 340A22

■ 341025

■ 341527

■ 341A29

■ 341F2B

■ 34242D

■ 342A30

■ 342F32

# Harmonies

## Analogous

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



260A30



34001E



370005

# Triad

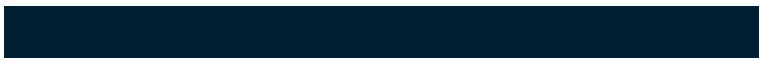
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



34001E



101A00



001F33

# Complementary

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



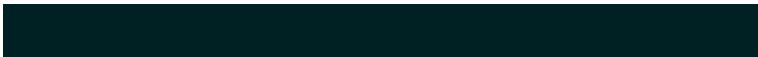
34001E



003416

# 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.



002123



34001E



001E00

# Square

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



34001E



231300



00200D



001B3C

# Rectangle

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



34001E



330500



00200D



00202E



# Sweetspot

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



34001E



45303C



160034



24171E



A3A3A3



242424



# Same Dimension

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



34001E



450028



340004



1A1718



590033



D9007D



# Inverse Universe

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



34001E



450028



003430



1A1718



590033

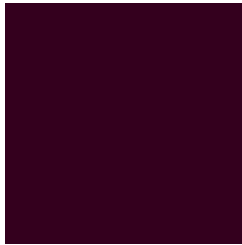


D9007D



# Previews

## White Background



This preview shows how the Hex color 34001E looks on a white background.

## Color Contrast Check

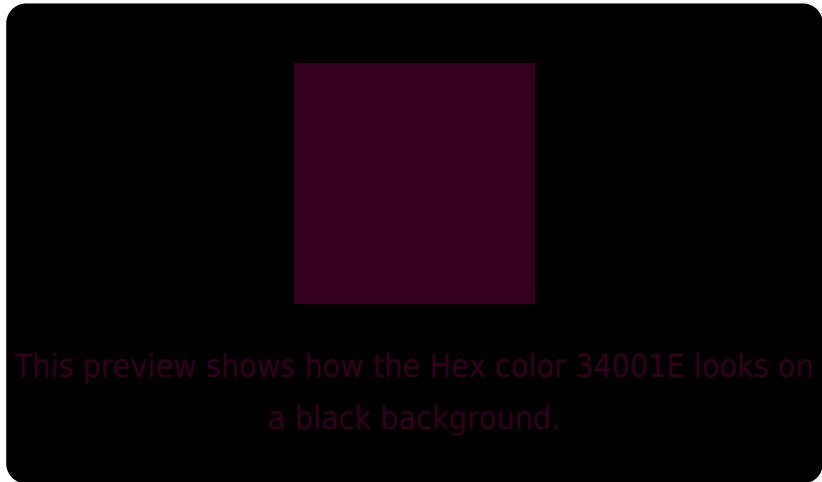
Large Text (above 18pt) WCAG AA ✓ Pass

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

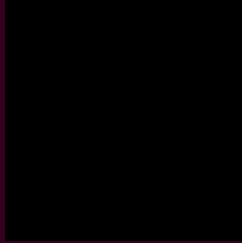
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 34001E Background



This preview shows how black text looks on a background with the Hex color 34001E.



This preview shows how white text looks on a background with the Hex color 34001E.

# 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](#).

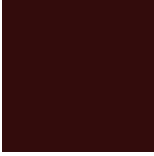
## Dichromacy



**Original Color**  
34001E

**Protanopia**  
151B2B

**Deuteranopia**  
1E1A1C



**Tritanopia**  
330C0C

# Trichromacy



**Original Color**  
34001E

**Protanomaly**  
201126

**Deuteranomaly**  
26111D

**Tritanomaly**  
330813

# Monochromacy



**Original Color**  
34001E

**Achromatopsia**  
131313

**Achromatomaly**  
1F0C17

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34001E 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 #34001E looks like.

```
.text, #text, p{  
    color:#34001E  
}
```

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 #34001E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34001E
}
```

## Border

The CSS property to change the border of an element to Hex 34001E is called "border". The border property can be set on classes, ids or directly on the HTML element.

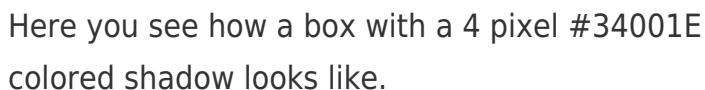
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#34001E }
```

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

```
.border{ border-color:#34001E }
```

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



Here you see how a box with a 4 pixel #34001E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34001E; -webkit-box-shadow:4px 4px  
4px 4px #34001E; box-shadow:4px 4px 4px  
4px #34001E }
```

# Background

The CSS property to change the background color of an element to Hex 34001E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34001E }
```

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

```
.background{ background-color:#34001E }
```

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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