

# Converting Colors

Hex(3E001A)

Have a look what the booklet for  
Hex(3E001A) contains.

<b>Hex(3E001A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(3E001A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3E001A
RGB	62, 0, 26
RGB Percent	24%, 0%, 10%
CMY	0.7569, 1.0000, 0.8980
CMYK	0.00, 1.00, 0.58, 0.76
HSL	335°, 100%, 12%
HSV	335°, 100%, 24%
XYZ	2.1731, 1.0987, 1.0748
YIQ	21.5020, 28.6060, 21.2300

# Conversions

## Conversions Part 2

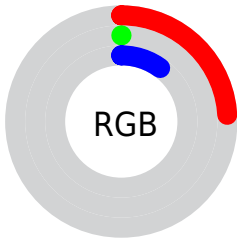
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 0, 26
Decimal	4063258
CIELab	9.79, 30.75, 1.56
CIELCh	10, 30.794, 2.902
Yxy	1.0987, 0.4999, 0.2528
Android (android.graphics.Color)	4282253338 (0xFF3E001A)
YUV	21.5020, 2.2175, 35.5167
Hunter-Lab	10.4820, 18.6622, 1.2578

# Details

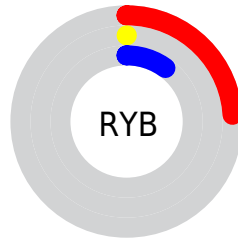
The Hex color **3E001A** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **003E24**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **713145**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3E001A**, and if you desaturate by 10%, it is **3E061E**.

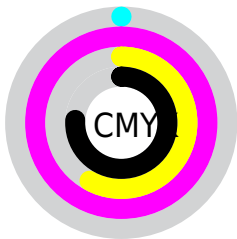
# Distribution



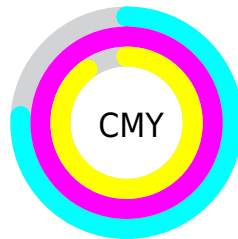
- Red (24%)
- Green (0%)
- Blue (10%)



- Red (24%)
- Yellow (0%)
- Blue (10%)



- Cyan (0%)
- Magenta (100%)
- Yellow (58%)
- Black (76%)



- Cyan (76%)
- Magenta (100%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E001A 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 3E001A by changing the saturation by 10% instead.




 3E001A

 3E001A

 FFE9FD

 2A0001

 713145

 000000

 8C495C

 A86275

 C47B8E

 E096A9

 FEB1C4

 FFCCE0

 3E001A

■ 3E061E

■ 3E0C21

■ 3E1325

■ 3E1928

■ 3E1F2C

■ 3E2530

■ 3E2B33

■ 3E3237

■ 3E383A

# Harmonies

## Analogous

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



35072E



3E001A



3D0500

# Triad

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



3E001A



0B2000



002240

# Complementary

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



3E001A



003E24

# 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.



002431



3E001A



002300

# Square

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



3E001A



211B00



00251C



001D45

# Rectangle

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



3E001A



360E00



00251C



00233C



# Sweetspot

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



3E001A



523943



23003E



291A20



A8A8A8



292929



# Same Dimension

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



3E001A



520022



3E0400



1F1C1D



5E0028



DE005D



# Inverse Universe

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



3E001A



520022



003A3E



1F1C1D



5E0028

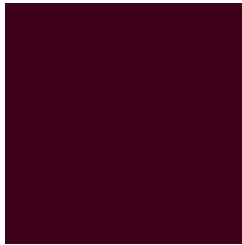


DE005D



# Previews

## White Background



This preview shows how the Hex color 3E001A looks on a white background.

## Color Contrast Check

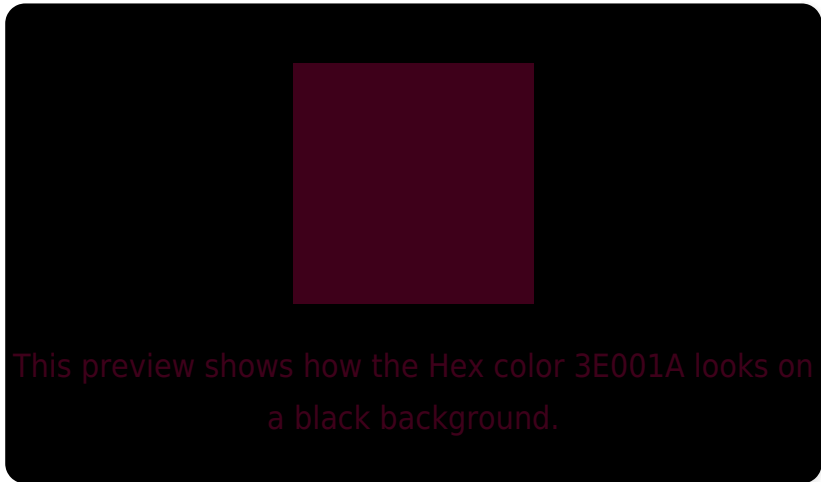
Large Text (above 18pt) WCAG AA ✓ Pass

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

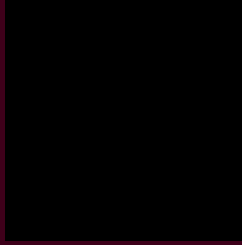
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3E001A Background



This preview shows how black text looks on a background with the Hex color 3E001A.



This preview shows how white text looks on a background with the Hex color 3E001A.

# 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](#).

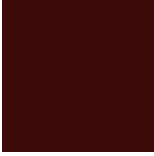
## Dichromacy



**Original Color**  
3E001A

**Protanopia**  
1F2026

**Deuteranopia**  
261F17



**Tritanopia**  
3D0A0A

# Trichromacy



**Original Color**  
3E001A

**Protanomaly**  
2A1422

**Deuteranomaly**  
2F1418

**Tritanomaly**  
3D0610

# Monochromacy



**Original Color**  
3E001A

**Achromatopsia**  
161616

**Achromatomaly**  
250E17

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E001A 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 #3E001A looks like.

```
.text, #text, p{  
    color:#3E001A  
}
```

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 #3E001A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E001A
}
```

## Border

The CSS property to change the border of an element to Hex 3E001A 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
#3E001A }
```

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

```
.border{ border-color:#3E001A }
```

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

Here you see how a box with a 4 pixel #3E001A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E001A; -webkit-box-shadow:4px 4px  
4px 4px #3E001A; box-shadow:4px 4px 4px  
4px #3E001A }
```

# Background

The CSS property to change the background color of an element to Hex 3E001A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E001A }
```

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

```
.background{ background-color:#3E001A }
```

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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