

Converting Colors

Hex(3E0433)

Have a look what the booklet for
Hex(3E0433) contains.

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Color

Hex(3E0433)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 3E0433 |
| RGB | 62, 4, 51 |
| RGB Percent | 24%, 2%, 20% |
| CMY | 0.7569, 0.9843, 0.8000 |
| CMYK | 0.00, 0.94, 0.18, 0.76 |
| HSL | 311°, 88%, 13% |
| HSV | 311°, 94%, 24% |
| XYZ | 2.6276, 1.3500, 3.2541 |
| YIQ | 26.7000, 19.4810, 26.9130 |

Conversions

Conversions Part 2

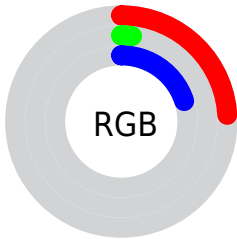
| Format | Color |
|-------------------------------------|---|
| RYB | 62, 4, 51 |
| Decimal | 4064307 |
| CIELab | 11.62, 32.13, -14.44 |
| CIELCh | 12, 35.228, 335.794 |
| Yxy | 1.3500, 0.3633, 0.1867 |
| Android (android.graphics.Color) | 4282254387 (0xFF3E0433) |
| YUV | 26.7000, 11.9799, 30.9581 |
| Hunter-Lab | 11.6189, 20.0341, -8.4719 |

Details

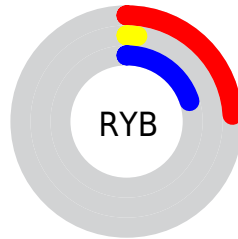
The Hex color **3E0433** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **043E0F**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **703662**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3E0032**, and if you desaturate by 10%, it is **3E0A34**.

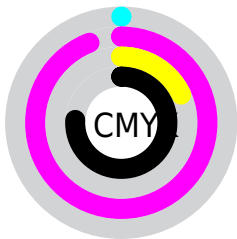
Distribution



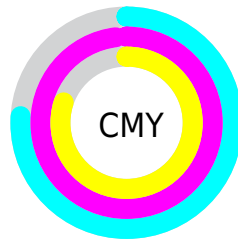
- Red (24%)
- Green (2%)
- Blue (20%)



- Red (24%)
- Yellow (2%)
- Blue (20%)



- Cyan (0%)
- Magenta (94%)
- Yellow (18%)
- Black (76%)



- Cyan (76%)
- Magenta (98%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E0433 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 3E0433 by changing the saturation by 10% instead.

 3E0433

 3E0433

 FFEEFF

 29001E

 703662

 000000

 8A4E7A

 A56794

 C180AF

 DD9BCA

 FAB6E7

 FFD2FF

 3E0433

 3E0433

■ 3E0032

■ 3E0A34

■ 3E1035

■ 3E1737

■ 3E1D38

■ 3E2339

■ 3E293A

■ 3E2F3B

■ 3E363C

■ 3E3C3E

Harmonies

Analogous

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



221546



3E0433



47001B

Triad

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



3E0433



231F00



00293B

Complementary

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



3E0433



043E0F

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.



002923



3E0433



082500

Square

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



3E0433



371600



002805



00264B

Rectangle

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



3E0433



460107



002805



002933

Sweetspot

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



3E0433



523B4D



0F043E



291B26



A8A8A8



292929

Same Dimension

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



3E0433



520042



3E0416



1F1C1E



5E004C



DE00B4

Inverse Universe

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



3E0433



520042



043E2C



1F1C1E



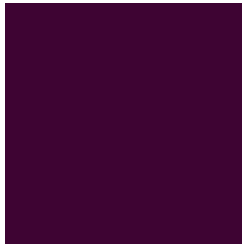
5E004C



DE00B4

Previews

White Background



This preview shows how the Hex color 3E0433 looks on a white background.

Color Contrast Check

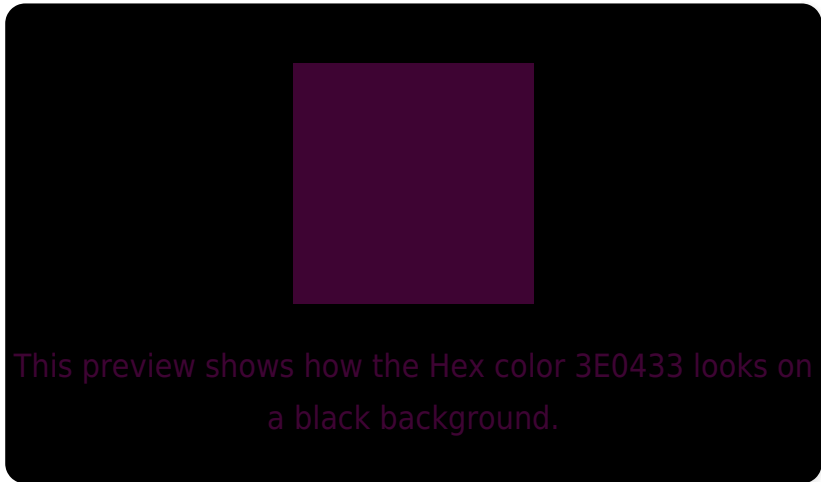
Large Text (above 18pt) WCAG AA ✓ Pass

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

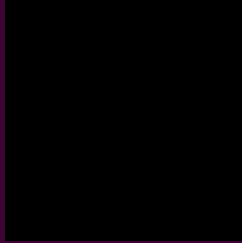
Any Text WCAG AA × Fail

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 3E0433 Background



This preview shows how black text looks on a background with the Hex color 3E0433.



This preview shows how white text looks on a background with the Hex color 3E0433.

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](#).

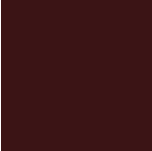
Dichromacy



Original Color
3E0433

Protanopia
002146

Deuteranopia
1E2230



Tritanopia
3B1415

Trichromacy



Original Color
3E0433

Protanomaly
17163F

Deuteranomaly
2A1731

Tritanomaly
3C0E20

Monochromacy



Original Color
3E0433

Achromatopsia
1B1B1B

Achromatomaly
281324

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E0433 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 #3E0433 looks like.

```
.text, #text, p{  
    color:#3E0433  
}
```

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 #3E0433 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E0433
}
```

Border

The CSS property to change the border of an element to Hex 3E0433 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".

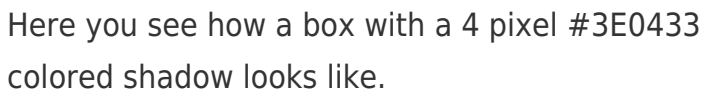
```
.border, #border, table{ border:4px solid
#3E0433 }
```

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

```
.border{ border-color:#3E0433 }
```

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

Here you see how a box with a 4 pixel #3E0433 colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E0433; -webkit-box-shadow:4px 4px  
4px 4px #3E0433; box-shadow:4px 4px 4px  
4px #3E0433 }
```

Background

The CSS property to change the background color of an element to Hex 3E0433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E0433 }
```

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

```
.background{ background-color:#3E0433 }
```

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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