

Converting Colors

Hex(3E0017)

Have a look what the booklet for
Hex(3E0017) contains.

Hex(3E0017)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3E0017)

Conversions

Conversions Part 1

Format	Color
Hex	3E0017
RGB	62, 0, 23
RGB Percent	24%, 0%, 9%
CMY	0.7569, 1.0000, 0.9098
CMYK	0.00, 1.00, 0.63, 0.76
HSL	338°, 100%, 12%
HSV	338°, 100%, 24%
XYZ	2.1413, 1.0860, 0.9074
YIQ	21.1600, 29.5690, 20.2970

Conversions

Conversions Part 2

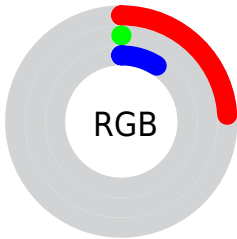
Format	Color
RYB	62, 0, 23
Decimal	4063255
CIELab	9.69, 30.49, 3.73
CIELCh	10, 30.717, 6.966
Yxy	1.0860, 0.5179, 0.2627
Android (android.graphics.Color)	4282253335 (0xFF3E0017)
YUV	21.1600, 0.9071, 35.8167
Hunter-Lab	10.4211, 18.4401, 2.1324

Details

The Hex color **3E0017** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **003E27**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **723141**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3E0017**, and if you desaturate by 10%, it is **3E061B**.

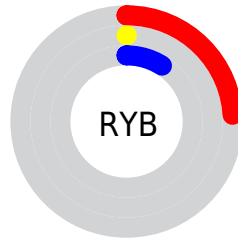
Distribution



Red (24%)

Green (0%)

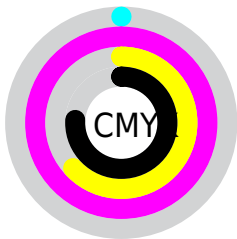
Blue (9%)



Red (24%)

Yellow (0%)

Blue (9%)

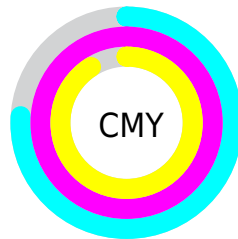


Cyan (0%)

Magenta (100%)

Yellow (63%)

Black (76%)



Cyan (76%)

Magenta (100%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E0017 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 3E0017 by changing the saturation by 10% instead.

 3E0017

 3E0017

 FFE9F8

 2A0001

 723141

 000000

 8D4959

 A86171

 C47B8A

 E195A5

 FEB0C0

 FFCCDC

 3E0017

■ 3E061B

■ 3E0C1F

■ 3E1323

■ 3E1927

■ 3E1F2B

■ 3E252E

■ 3E2B32

■ 3E3236

■ 3E383A

Harmonies

Analogous

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



36052B



3E0017



3B0700

Triad

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



3E0017



062100



002141

Complementary

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



3E0017



003E27

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.



002433



3E0017



002405

Square

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



3E0017



1F1C00



00251F



001C44

Rectangle

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



3E0017



341000



00251F



00223E

Sweetspot

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



3E0017



523942



26003E



291A20



A8A8A8



292929

Same Dimension

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



3E0017



52001E



3E0700



1F1C1D



5E0023



DE0052

Inverse Universe

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



3E0017



52001E



00373E



1F1C1D



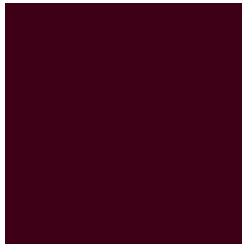
5E0023



DE0052

Previews

White Background



This preview shows how the Hex color 3E0017 looks on a white background.

Color Contrast Check

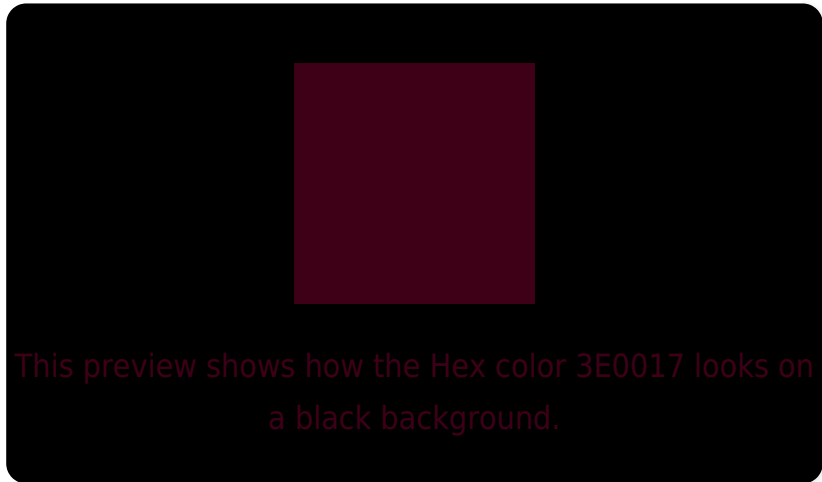
Large Text (above 18pt) WCAG AA ✓ Pass

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

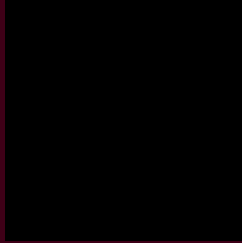
Any Text WCAG AA × Fail

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 3E0017 Background



This preview shows how black text looks on a background with the Hex color 3E0017.



This preview shows how white text looks on a background with the Hex color 3E0017.

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](#).

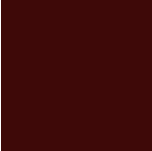
Dichromacy



Original Color
3E0017

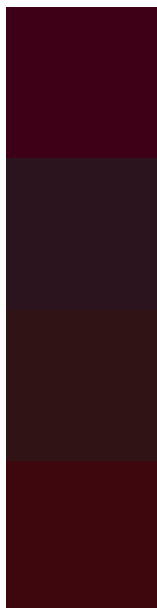
Protanopia
202022

Deuteranopia
261E14



Tritanopia
3E0908

Trichromacy



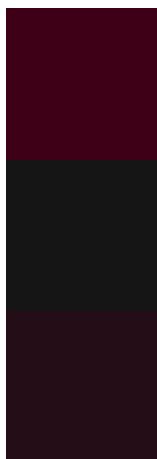
Original Color
3E0017

Protanomaly
2B141E

Deuteranomaly
2F1315

Tritanomaly
3E060D

Monochromacy



Original Color
3E0017

Achromatopsia
151515

Achromatomaly
240D16

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E0017 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 #3E0017 looks like.

```
.text, #text, p{  
    color:#3E0017  
}
```

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 #3E0017 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E0017  
}
```

Border

The CSS property to change the border of an element to Hex 3E0017 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  
#3E0017 }
```

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

```
.border{ border-color:#3E0017 }
```

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

Here you see how a box with a 4 pixel #3E0017 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E0017; -webkit-box-shadow:4px 4px  
4px 4px #3E0017; box-shadow:4px 4px 4px  
4px #3E0017 }
```

Background

The CSS property to change the background color of an element to Hex 3E0017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E0017 }
```

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

```
.background{ background-color:#3E0017 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor