

Converting Colors

Hex(3E0012)

Have a look what the booklet for
Hex(3E0012) contains.

Hex(3E0012)	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(3E0012)

Conversions

Conversions Part 1

Format	Color
Hex	3E0012
RGB	62, 0, 18
RGB Percent	24%, 0%, 7%
CMY	0.7569, 1.0000, 0.9294
CMYK	0.00, 1.00, 0.71, 0.76
HSL	343°, 100%, 12%
HSV	343°, 100%, 24%
XYZ	2.0958, 1.0678, 0.6679
YIQ	20.5900, 31.1740, 18.7420

Conversions

Conversions Part 2

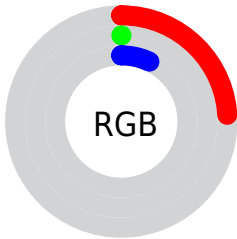
Format	Color
RYB	62, 0, 18
Decimal	4063250
CIELab	9.54, 30.10, 6.90
CIELCh	10, 30.886, 12.912
Yxy	1.0678, 0.5470, 0.2787
Android (android.graphics.Color)	4282253330 (0xFF3E0012)
YUV	20.5900, -1.2769, 36.3166
Hunter-Lab	10.3335, 18.1190, 3.4012

Details

The Hex color **3E0012** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **003E2C**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **72303C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3E0012**, and if you desaturate by 10%, it is **3E0616**.

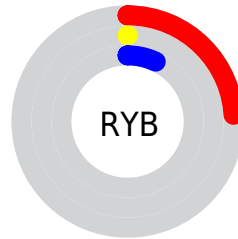
Distribution



Red (24%)

Green (0%)

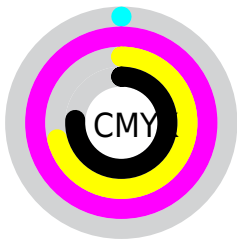
Blue (7%)



Red (24%)

Yellow (0%)

Blue (7%)

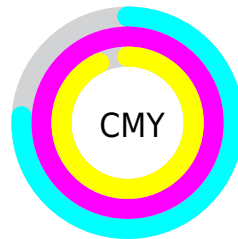


Cyan (0%)

Magenta (100%)

Yellow (71%)

Black (76%)



Cyan (76%)

Magenta (100%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E0012 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 3E0012 by changing the saturation by 10% instead.

 3E0012

 3E0012

 FFE8F2

 290001

 72303C

 000000

 8D4853

 A9616B

 C57B85

 E2959F

 FFB0BA

 FFCCD5

 3E0012

■ 3E0616

■ 3E0C1B

■ 3E131F

■ 3E1924

■ 3E1F28

■ 3E252C

■ 3E2B31

■ 3E3235

■ 3E383A

Harmonies

Analogous

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



390327



3E0012



390900

Triad

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



3E0012



002100



002043

Complementary

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



3E0012



003E2C

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.



002337



3E0012



00240B

Square

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



3E0012



1B1C00



002523



001A44

Rectangle

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



3E0012



311200



002523



002240

Sweetspot

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



3E0012



523940



2B003E



291A1E



A8A8A8



292929

Same Dimension

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



3E0012



520018



3E0C00



1F1C1C



5E001B



DE0040

Inverse Universe

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



3E0012



520018



00323E



1F1C1C



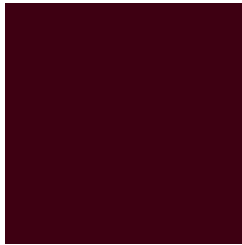
5E001B



DE0040

Previews

White Background



This preview shows how the Hex color 3E0012 looks on a white background.

Color Contrast Check

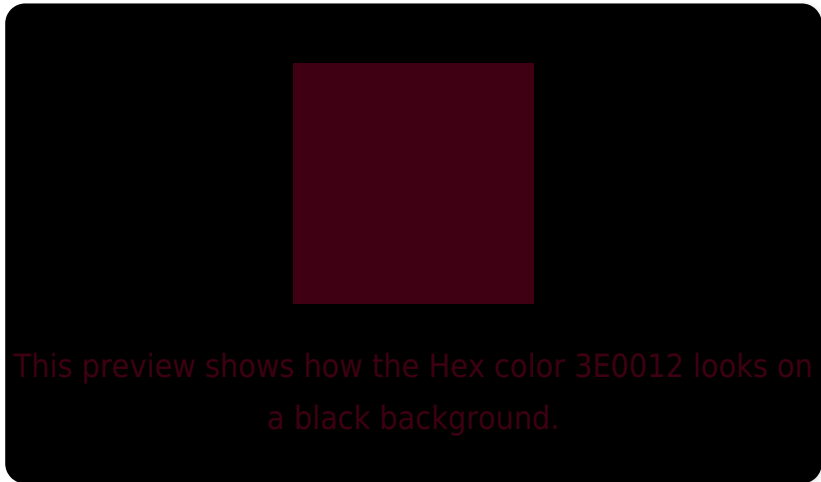
Large Text (above 18pt) WCAG AA ✓ Pass

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

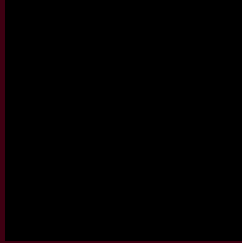
Any Text WCAG AA × Fail

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 3E0012 Background



This preview shows how black text looks on a background with the Hex color 3E0012.



This preview shows how white text looks on a background with the Hex color 3E0012.

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
3E0012

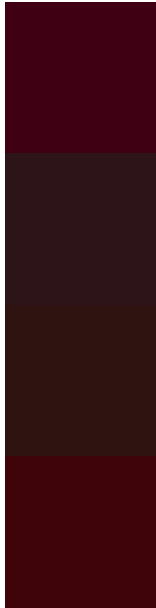
Protanopia
211F1B

Deuteranopia
271E0F



Tritanopia
3E0706

Trichromacy



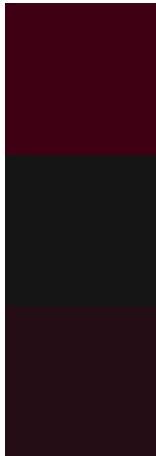
Original Color
3E0012

Protanomaly
2C1418

Deuteranomaly
2F1310

Tritanomaly
3E040A

Monochromacy



Original Color
3E0012

Achromatopsia
151515

Achromatomaly
240D14

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E0012 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 #3E0012 looks like.

```
.text, #text, p{  
    color:#3E0012  
}
```

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 #3E0012 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E0012
}
```

Border

The CSS property to change the border of an element to Hex 3E0012 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".

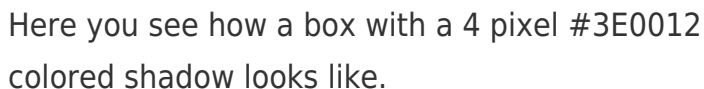
```
.border, #border, table{ border:4px solid
#3E0012 }
```

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

```
.border{ border-color:#3E0012 }
```

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

Here you see how a box with a 4 pixel #3E0012 colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E0012; -webkit-box-shadow:4px 4px  
4px 4px #3E0012; box-shadow:4px 4px 4px  
4px #3E0012 }
```

Background

The CSS property to change the background color of an element to Hex 3E0012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E0012 }
```

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

```
.background{ background-color:#3E0012 }
```

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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