

# Converting Colors

Hex(3E3010)

Have a look what the booklet for  
Hex(3E3010) contains.

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**Color**

**Hex(3E3010)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3E3010
RGB	62, 48, 16
RGB Percent	24%, 19%, 6%
CMY	0.7569, 0.8118, 0.9373
CMYK	0.00, 0.23, 0.74, 0.76
HSL	42°, 59%, 15%
HSV	42°, 74%, 24%
XYZ	3.1371, 3.1754, 0.9378
YIQ	48.5380, 18.6160, -6.9840

# Conversions

## Conversions Part 2

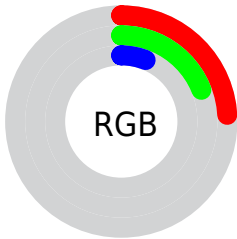
<b>Format</b>	<b>Color</b>
<b>RYB</b>	36, 62, 16
Decimal	4075536
CIELab	20.73, 2.05, 22.33
CIElCh	21, 22.428, 84.749
Yxy	3.1754, 0.4327, 0.4380
Android (android.graphics.Color)	4282265616 (0xFF3E3010)
YUV	48.5380, -16.0412, 11.8062
Hunter-Lab	17.8198, 0.2394, 9.3536

# Details

The Hex color **3E3010** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **101E3E**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **6F5E3B**, and **090100** is the 20% darker color. If you saturate the color by 10%, you get **3E2E0A**, and if you desaturate by 10%, it is **3E3216**.

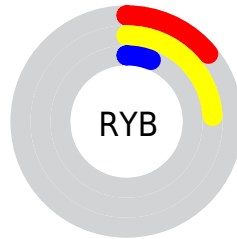
# Distribution



 Red (24%)

 Green (19%)

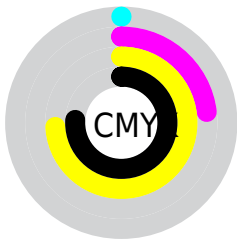
 Blue (6%)



 Red (14%)

 Yellow (24%)

 Blue (6%)

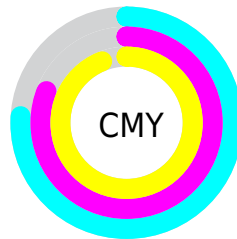


 Cyan (0%)

 Magenta (23%)

 Yellow (74%)

 Black (76%)



 Cyan (76%)

 Magenta (81%)

 Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E3010 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 3E3010 by changing the saturation by 10% instead.



 3E3010

 3E3010

 FFFFF2

 281B00

 6F5E3B

 090100

 8A7653

 000000

 A4906B

 C0AA85

 DCC69F

 F9E2BA

 FFFED6

 3E3010

 3E3010

■ 3E2E0A

■ 3E3216

■ 3E2C04

■ 3E341C

■ 3E2B00

■ 3E3623

■ 3E3829

■ 3E392F

■ 3E3B35

■ 3E3D3B

■ 3E3F42

■ 3E4148

# Harmonies

## Analogous

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



4A2A17



3E3010



2E3513

# Triad

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



3E3010



003A3F



432845

# Complementary

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



3E3010



101E3E

# 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.



2E2F50



3E3010



00384C

# Square

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



3E3010



003A2E



083553



4F2435

# Rectangle

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



3E3010



21371A



083553



3E2A49



# Sweetspot

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



3E3010



524C40



3E101F



29261E



A8A8A8



292929



# Same Dimension

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



3E3010



523B09



363E10



1F1E1C



5E4200



DE9A00



# Inverse Universe

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



101E3E



091F52



18103E



1C1C1F



001D5E



0044DE



# Previews

## White Background



This preview shows how the Hex color 3E3010 looks on a white background.

## Color Contrast Check

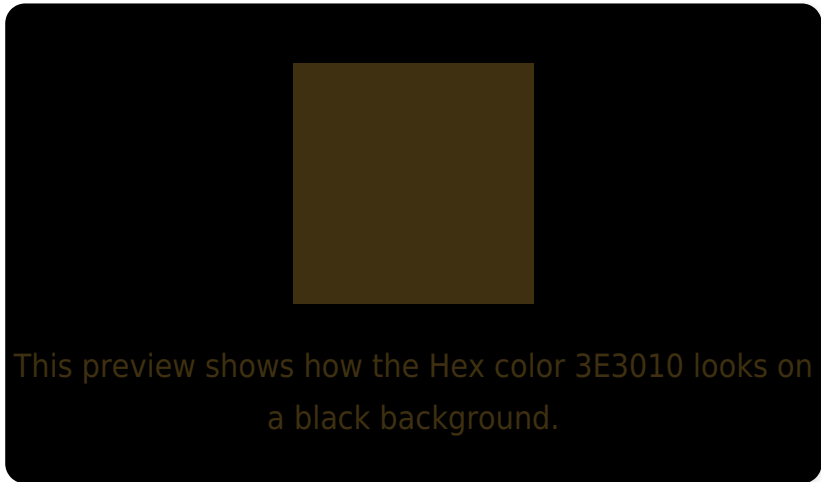
Large Text (above 18pt) WCAG AA ✓ Pass

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

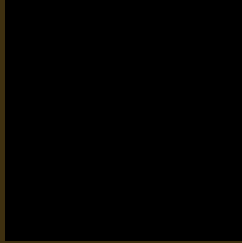
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3E3010 Background



This preview shows how black text looks on a background with the Hex color 3E3010.



This preview shows how white text looks on a background with the Hex color 3E3010.

# 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**  
3E3010

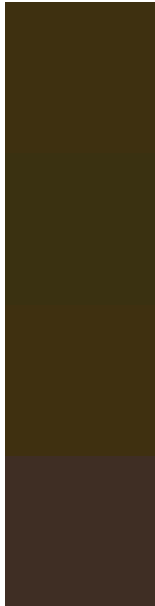
**Protanopia**  
383211

**Deuteranopia**  
3F3010



**Tritanopia**  
402D30

# Trichromacy



**Original Color**  
3E3010

**Protanomaly**  
3A3111

**Deuteranomaly**  
3F3010

**Tritanomaly**  
3F2E24

# Monochromacy



**Original Color**  
3E3010

**Achromatopsia**  
313131

**Achromatomaly**  
363125

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E3010 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 #3E3010 looks like.

```
.text, #text, p{  
    color:#3E3010  
}
```

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 #3E3010 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E3010
}
```

## Border

The CSS property to change the border of an element to Hex 3E3010 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".

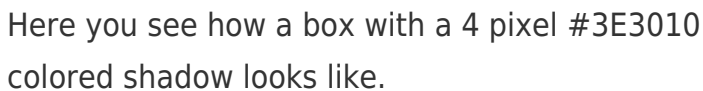
```
.border, #border, table{ border:4px solid
#3E3010 }
```

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

```
.border{ border-color:#3E3010 }
```

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

Here you see how a box with a 4 pixel #3E3010 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E3010; -webkit-box-shadow:4px 4px  
4px 4px #3E3010; box-shadow:4px 4px 4px  
4px #3E3010 }
```

# Background

The CSS property to change the background color of an element to Hex 3E3010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E3010 }
```

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

```
.background{ background-color:#3E3010 }
```

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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