

Converting Colors

Hex(3E2316)

Have a look what the booklet for
Hex(3E2316) contains.

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Color

Hex(3E2316)

Conversions

Conversions Part 1

Format	Color
Hex	3E2316
RGB	62, 35, 22
RGB Percent	24%, 14%, 9%
CMY	0.7569, 0.8627, 0.9137
CMYK	0.00, 0.44, 0.65, 0.76
HSL	20°, 48%, 16%
HSV	20°, 65%, 24%
XYZ	2.7325, 2.2841, 1.0559
YIQ	41.5910, 20.2650, 1.6810

Conversions

Conversions Part 2

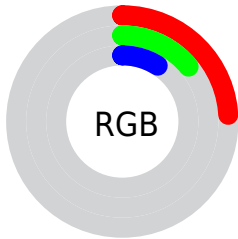
Format	Color
RYB	62, 41, 22
Decimal	4072214
CIELab	16.91, 11.31, 14.10
CIELCh	17, 18.069, 51.270
Yxy	2.2841, 0.4500, 0.3761
Android (android.graphics.Color)	4282262294 (0xFF3E2316)
YUV	41.5910, -9.6584, 17.8987
Hunter-Lab	15.1133, 5.8241, 6.4369

Details

The Hex color **3E2316** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **16313E**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **705041**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3E1F10**, and if you desaturate by 10%, it is **3E271C**.

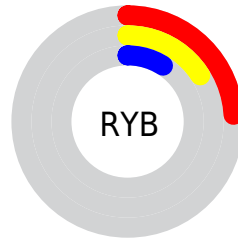
Distribution



Red (24%)

Green (14%)

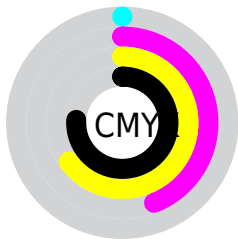
Blue (9%)



Red (24%)

Yellow (16%)

Blue (9%)

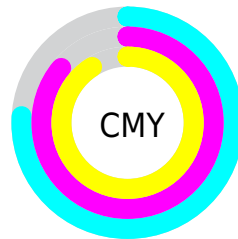


Cyan (0%)

Magenta (44%)

Yellow (65%)

Black (76%)



Cyan (76%)

Magenta (86%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E2316 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 3E2316 by changing the saturation by 10% instead.

 3E2316

 3E2316

 FFFFF8

 280E00

 705041

 000000

 8A6858

 A58171

 C09B8A

 DCB6A4

 F9D1C0

 FFEEDB

 3E2316

 3E2316

■ 3E1F10

■ 3E271C

■ 3E1B0A

■ 3E2B22

■ 3E1603

■ 3E3029

■ 3E1400

■ 3E342F

■ 3E3835

■ 3E3C3B

■ 3E4041

■ 3E4448

■ 3E494E

Harmonies

Analogous

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



422021



3E2316



35280F

Triad

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



3E2316



043025



252842

Complementary

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



3E2316



16313E

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.



0A2C43



3E2316



003033

Square

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



3E2316



192F19



002F3E



36233A

Rectangle

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



3E2316



2D2B0F



002F3E



1D2943

Sweetspot

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



3E2316



524742



3E1631



29221F



A8A8A8



292929

Same Dimension

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



3E2316



522713



3E3716



1F1D1C



5E1F00



DE4800

Inverse Universe

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



16313E



133D52



161D3E



1C1E1F



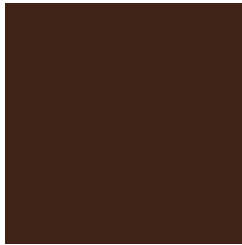
00405E



0096DE

Previews

White Background



This preview shows how the Hex color 3E2316 looks on a white background.

Color Contrast Check

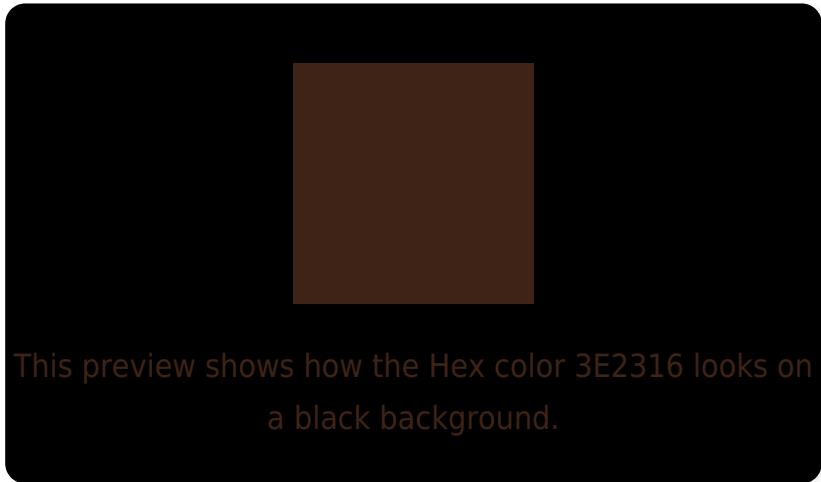
Large Text (above 18pt) WCAG AA ✓ Pass

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

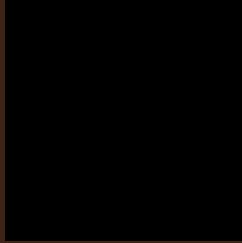
Any Text WCAG AA × Fail

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 3E2316 Background



This preview shows how black text looks on a background with the Hex color 3E2316.

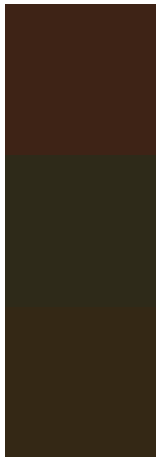


This preview shows how white text looks on a background with the Hex color 3E2316.

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
3E2316

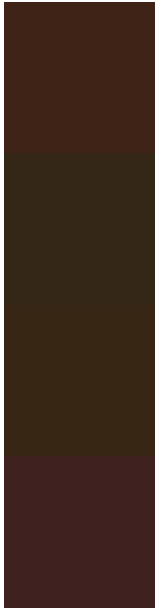
Protanopia
2E2A19

Deuteranopia
342815



Tritanopia
3F2124

Trichromacy



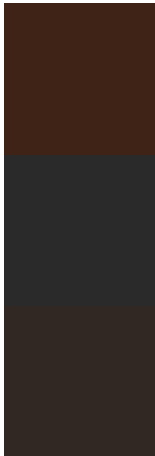
Original Color
3E2316

Protanomaly
342718

Deuteranomaly
382615

Tritanomaly
3F221F

Monochromacy



Original Color
3E2316

Achromatopsia
2A2A2A

Achromatomaly
312723

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E2316 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 #3E2316 looks like.

```
.text, #text, p{  
    color:#3E2316  
}
```

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 #3E2316 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E2316
}
```

Border

The CSS property to change the border of an element to Hex 3E2316 is called "border". The border property can be set on classes, ids or directly on the HTML element.

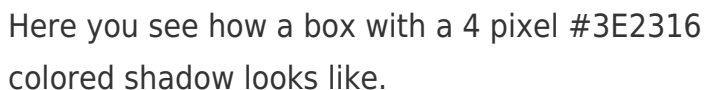
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E2316 }
```

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

```
.border{ border-color:#3E2316 }
```

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



Here you see how a box with a 4 pixel #3E2316 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E2316; -webkit-box-shadow:4px 4px  
4px 4px #3E2316; box-shadow:4px 4px 4px  
4px #3E2316 }
```

Background

The CSS property to change the background color of an element to Hex 3E2316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E2316 }
```

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

```
.background{ background-color:#3E2316 }
```

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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