

Converting Colors

Hex(3E2812)

Have a look what the booklet for
Hex(3E2812) contains.

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Color

Hex(3E2812)

Conversions

Conversions Part 1

Format	Color
Hex	3E2812
RGB	62, 40, 18
RGB Percent	24%, 16%, 7%
CMY	0.7569, 0.8431, 0.9294
CMYK	0.00, 0.35, 0.71, 0.76
HSL	30°, 55%, 16%
HSV	30°, 71%, 24%
XYZ	2.8546, 2.5854, 0.9208
YIQ	44.0700, 20.1740, -2.1780

Conversions

Conversions Part 2

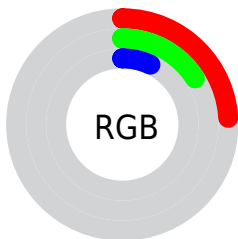
Format	Color
RYB	62, 62, 18
Decimal	4073490
CIELab	18.30, 7.57, 18.38
CIELCh	18, 19.880, 67.610
Yxy	2.5854, 0.4488, 0.4065
Android (android.graphics.Color)	4282263570 (0xFF3E2812)
YUV	44.0700, -12.8525, 15.7246
Hunter-Lab	16.0791, 3.5511, 7.8599

Details

The Hex color **3E2812** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **12283E**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **70553D**, and **010000** is the 20% darker color. If you saturate the color by 10%, you get **3E250C**, and if you desaturate by 10%, it is **3E2B18**.

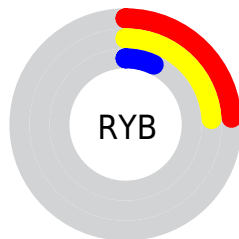
Distribution



 Red (24%)

 Green (16%)

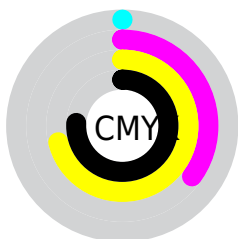
 Blue (7%)




 Red (24%)

 Yellow (24%)

 Blue (7%)

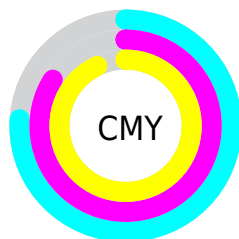


 Cyan (0%)


 Magenta (35%)

 Yellow (71%)

 Black (76%)



 Cyan (76%)

 Magenta (84%)

 Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E2812 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 3E2812 by changing the saturation by 10% instead.

 3E2812

 3E2812

 FFFFF3

 281400

 70553D

 010000

 8A6D54

 000000

 A5876C

 C0A186

 DDBCA0

 F9D8BB

 FFF4D7

 3E2812

 3E2812

■ 3E250C

■ 3E2B18

■ 3E2206

■ 3E2E1E

■ 3E1F00

■ 3E3125

■ 3E342B

■ 3E3831

■ 3E3B37

■ 3E3E3D

■ 3E4144

■ 3E444A

Harmonies

Analogous

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



46231C



3E2812



322D0F

Triad

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



3E2812



003430



332743

Complementary

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



3E2812



12283E

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.



1B2D49



3E2812



00333E

Square

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



3E2812



0E3321



003147



412238

Rectangle

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



3E2812



283012



003147



2C2946

Sweetspot

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



3E2812



524940



3E1228



29241F



A8A8A8



292929

Same Dimension

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



3E2812



522F0C



3E3E12



1F1D1C



5E2F00



DE6F00

Inverse Universe

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



12283E



0C2F52



12123E



1C1D1F



002F5E



006FDE

Previews

White Background



This preview shows how the Hex color 3E2812 looks on a white background.

Color Contrast Check

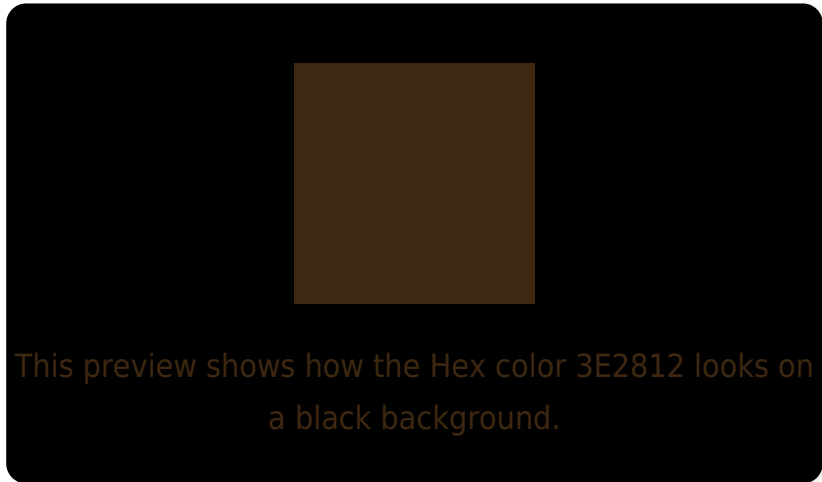
Large Text (above 18pt) WCAG AA ✓ Pass

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

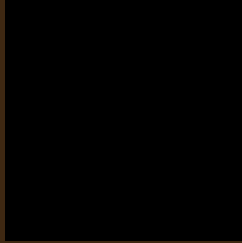
Any Text WCAG AA × Fail

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 3E2812 Background



This preview shows how black text looks on a background with the Hex color 3E2812.

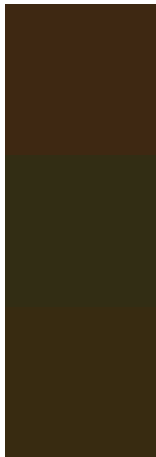


This preview shows how white text looks on a background with the Hex color 3E2812.

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](#).

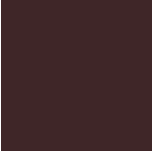
Dichromacy



Original Color
3E2812

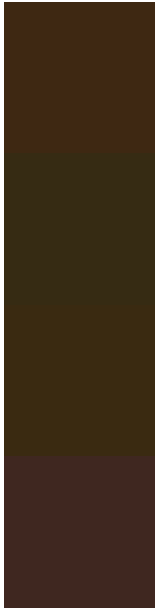
Protanopia
322D14

Deuteranopia
382B11



Tritanopia
3F2628

Trichromacy



Original Color
3E2812

Protanomaly
362B13

Deuteranomaly
3A2A11

Tritanomaly
3F2720

Monochromacy



Original Color
3E2812

Achromatopsia
2C2C2C

Achromatomaly
332B23

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E2812 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 #3E2812 looks like.

```
.text, #text, p{  
    color:#3E2812  
}
```

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 #3E2812 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E2812
}
```

Border

The CSS property to change the border of an element to Hex 3E2812 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".

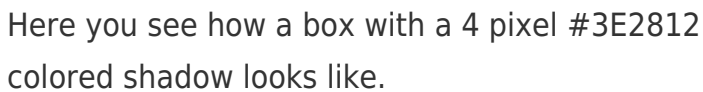
```
.border, #border, table{ border:4px solid
#3E2812 }
```

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

```
.border{ border-color:#3E2812 }
```

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

Here you see how a box with a 4 pixel #3E2812 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E2812; -webkit-box-shadow:4px 4px  
4px 4px #3E2812; box-shadow:4px 4px 4px  
4px #3E2812 }
```

Background

The CSS property to change the background color of an element to Hex 3E2812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E2812 }
```

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

```
.background{ background-color:#3E2812 }
```

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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