

Converting Colors

Hex(3E3113)

Have a look what the booklet for
Hex(3E3113) contains.

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Color

Hex(3E3113)

Conversions

Conversions Part 1

Format	Color
Hex	3E3113
RGB	62, 49, 19
RGB Percent	24%, 19%, 7%
CMY	0.7569, 0.8078, 0.9255
CMYK	0.00, 0.21, 0.69, 0.76
HSL	42°, 53%, 16%
HSV	42°, 69%, 24%
XYZ	3.2025, 3.2678, 1.0781
YIQ	49.4670, 17.3780, -6.5740

Conversions

Conversions Part 2

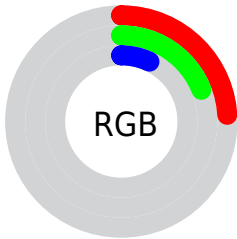
Format	Color
RYB	38, 62, 19
Decimal	4075795
CIELab	21.09, 1.64, 21.00
CIELCh	21, 21.059, 85.535
Yxy	3.2678, 0.4243, 0.4329
Android (android.graphics.Color)	4282265875 (0xFF3E3113)
YUV	49.4670, -15.0202, 10.9914
Hunter-Lab	18.0770, -0.0122, 9.1180

Details

The Hex color **3E3113** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **13203E**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **6F5F3E**, and **0A0300** is the 20% darker color. If you saturate the color by 10%, you get **3E2F0D**, and if you desaturate by 10%, it is **3E3319**.

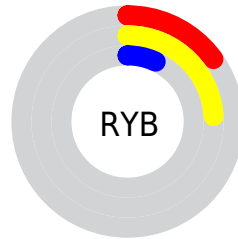
Distribution



Red (24%)

Green (19%)

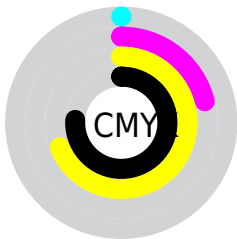
Blue (7%)



Red (15%)

Yellow (24%)

Blue (7%)

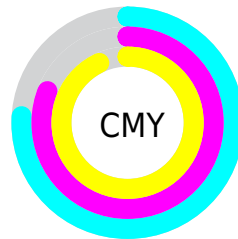


Cyan (0%)

Magenta (21%)

Yellow (69%)

Black (76%)



Cyan (76%)

Magenta (81%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E3113 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 3E3113 by changing the saturation by 10% instead.

 3E3113

 3E3113

 FFFFF6

 281C00

 6F5F3E

 0A0300

 897856

 000000

 A4916F

 BFAC88

 DCC7A2

 F8E3BE

 FFFFD9

 3E3113

 3E3113

■ 3E2F0D

■ 3E3319

■ 3E2D07

■ 3E351F

■ 3E2B00

■ 3E3726

■ 3E382C

■ 3E3A32

■ 3E3C38

■ 3E3E3E

■ 3E4045

■ 3E424B

Harmonies

Analogous

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



4A2B19



3E3113



2F3616

Triad

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



3E3113



003A40



442A44

Complementary

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



3E3113



13203E

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.



30304F



3E3113



00394C

Square

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



3E3113



003A30



113551



4E2636

Rectangle

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



3E3113



23381C



113551



3E2B48

Sweetspot

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



3E3113



524C40



3E1321



29261F



A8A8A8



292929

Same Dimension

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



3E3113



523D0E



363E13



1F1E1C



5E4200



DE9B00

Inverse Universe

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



13203E



0E2252



1B133E



1C1C1F



001D5E



0043DE

Previews

White Background



This preview shows how the Hex color 3E3113 looks on a white background.

Color Contrast Check

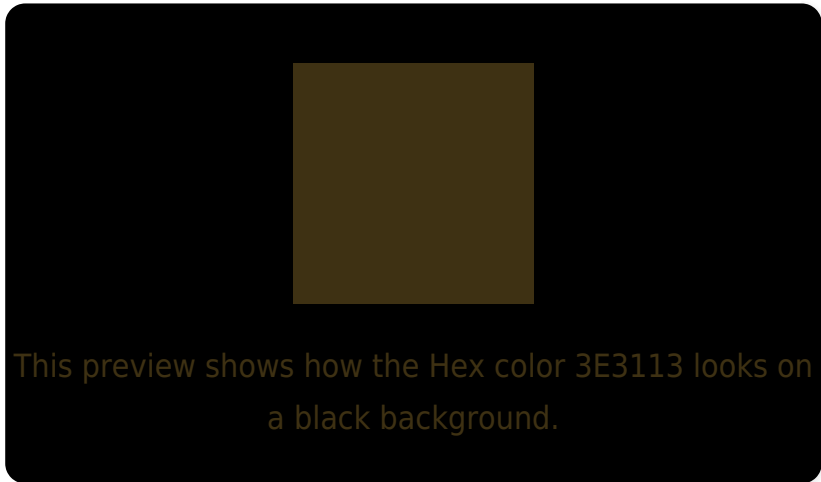
Large Text (above 18pt) WCAG AA ✓ Pass

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

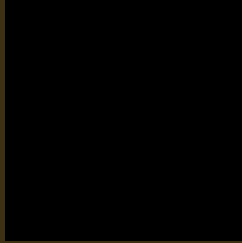
Any Text WCAG AA × Fail

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 3E3113 Background



This preview shows how black text looks on a background with the Hex color 3E3113.

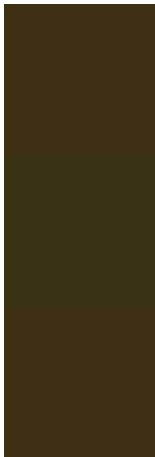


This preview shows how white text looks on a background with the Hex color 3E3113.

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
3E3113

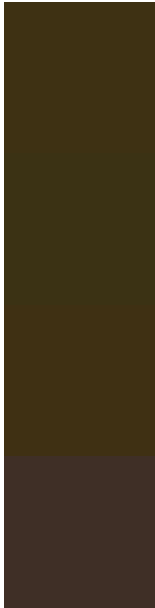
Protanopia
393314

Deuteranopia
3F3013



Tritanopia
402E31

Trichromacy



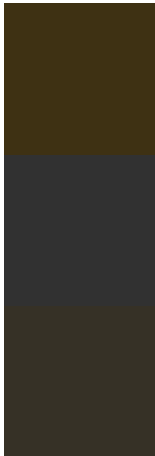
Original Color
3E3113

Protanomaly
3B3214

Deuteranomaly
3F3013

Tritanomaly
3F2F26

Monochromacy



Original Color
3E3113

Achromatopsia
313131

Achromatomaly
363126

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E3113 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 #3E3113 looks like.

```
.text, #text, p{  
    color:#3E3113  
}
```

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 #3E3113 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E3113
}
```

Border

The CSS property to change the border of an element to Hex 3E3113 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
#3E3113 }
```

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

```
.border{ border-color:#3E3113 }
```

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

Here you see how a box with a 4 pixel #3E3113 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E3113; -webkit-box-shadow:4px 4px  
4px 4px #3E3113; box-shadow:4px 4px 4px  
4px #3E3113 }
```

Background

The CSS property to change the background color of an element to Hex 3E3113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E3113 }
```

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

```
.background{ background-color:#3E3113 }
```

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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