

Converting Colors

Hex(3E340A)

Have a look what the booklet for
Hex(3E340A) contains.

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Color

Hex(3E340A)

Conversions

Conversions Part 1

Format	Color
Hex	3E340A
RGB	62, 52, 10
RGB Percent	24%, 20%, 4%
CMY	0.7569, 0.7961, 0.9608
CMYK	0.00, 0.16, 0.84, 0.76
HSL	48°, 72%, 14%
HSV	48°, 84%, 24%
XYZ	3.2694, 3.5020, 0.7908
YIQ	50.2020, 19.4420, -10.9420

Conversions

Conversions Part 2

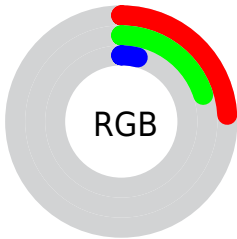
Format	Color
R_{YB}	22, 62, 10
Decimal	4076554
CIE _{Lab}	21.95, -0.98, 26.54
CIE _{LCh}	22, 26.554, 92.105
Yxy	3.5020, 0.4323, 0.4631
Android (android.graphics.Color)	4282266634 (0xFF3E340A)
YUV	50.2020, -19.8196, 10.3468
Hunter-Lab	18.7137, -1.5641, 10.5941

Details

The Hex color **3E340A** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0A143E**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **706237**, and **080800** is the 20% darker color. If you saturate the color by 10%, you get **3E3304**, and if you desaturate by 10%, it is **3E3510**.

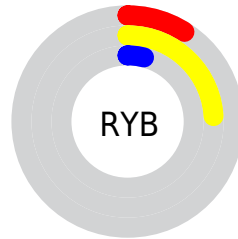
Distribution



Red (24%)

Green (20%)

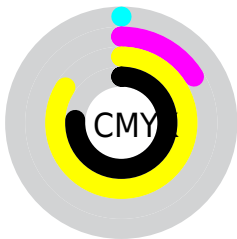
Blue (4%)



Red (9%)

Yellow (24%)

Blue (4%)

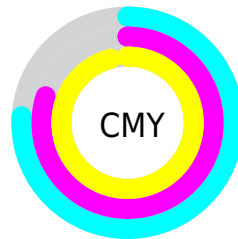


Cyan (0%)

Magenta (16%)

Yellow (84%)

Black (76%)



Cyan (76%)

Magenta (80%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E340A 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 3E340A by changing the saturation by 10% instead.

 3E340A

 3E340A

 FFFFD1

 271F00

 706237

 080800

 8A7B4E

 000000

 A59567

 C0AF80

 DDCB9A

 FAE7B5

 FFFFD1

 3E340A

 3E340A

■ 3E3304

■ 3E3510

■ 3E3200

■ 3E3616

■ 3E381D

■ 3E3923

■ 3E3A29

■ 3E3B2F

■ 3E3C35

■ 3E3E3C

■ 3E3F42

Harmonies

Analogous

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



4E2D11



3E340A



2A3911

Triad

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



3E340A



003E49



4E2747

Complementary

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



3E340A



0A143E

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.



372F56



3E340A



003B57

Square

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



3E340A



003E35



0A365C



582334

Rectangle

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



3E340A



193C1B



0A365C



48294D

Sweetspot

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



3E340A



524E3D



3E0A14



29261D



A8A8A8



292929

Same Dimension

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



3E340A



524200



2E3E0A



1F1E1C



5E4C00



DEB300

Inverse Universe

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



0A143E



001052



1A0A3E



1C1C1F



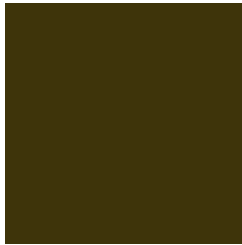
00125E



002BDE

Previews

White Background



This preview shows how the Hex color 3E340A looks on a white background.

Color Contrast Check

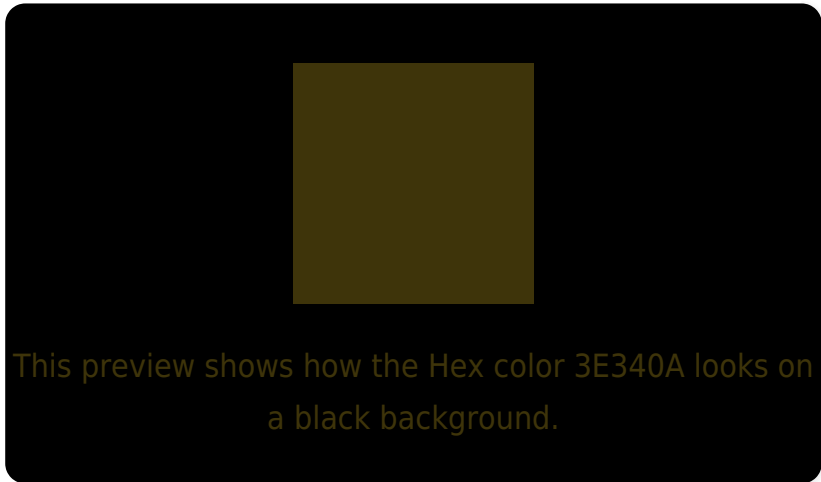
Large Text (above 18pt) WCAG AA ✓ Pass

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

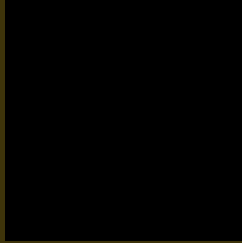
Any Text WCAG AA × Fail

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 3E340A Background



This preview shows how black text looks on a background with the Hex color 3E340A.



This preview shows how white text looks on a background with the Hex color 3E340A.

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](#).

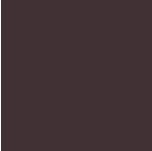
Dichromacy



Original Color
3E340A

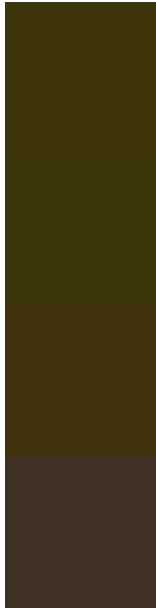
Protanopia
3B350A

Deuteranopia
43320B



Tritanopia
413034

Trichromacy



Original Color
3E340A

Protanomaly
3C350A

Deuteranomaly
41330B

Tritanomaly
403125

Monochromacy



Original Color
3E340A

Achromatopsia
323232

Achromatomaly
363323

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E340A 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 #3E340A looks like.

```
.text, #text, p{  
    color:#3E340A  
}
```

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 #3E340A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E340A
}
```

Border

The CSS property to change the border of an element to Hex 3E340A 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
#3E340A }
```

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

```
.border{ border-color:#3E340A }
```

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

Here you see how a box with a 4 pixel #3E340A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E340A; -webkit-box-shadow:4px 4px  
4px 4px #3E340A; box-shadow:4px 4px 4px  
4px #3E340A }
```

Background

The CSS property to change the background color of an element to Hex 3E340A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E340A }
```

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

```
.background{ background-color:#3E340A }
```

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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