

Converting Colors

Hex(3B370A)

Have a look what the booklet for
Hex(3B370A) contains.

Hex(3B370A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3B370A)

Conversions

Conversions Part 1

Format	Color
Hex	3B370A
RGB	59, 55, 10
RGB Percent	23%, 22%, 4%
CMY	0.7686, 0.7843, 0.9608
CMYK	0.00, 0.07, 0.83, 0.77
HSL	55°, 71%, 14%
HSV	55°, 83%, 23%
XYZ	3.2246, 3.6841, 0.8283
YIQ	51.0660, 16.8290, -13.1470

Conversions

Conversions Part 2

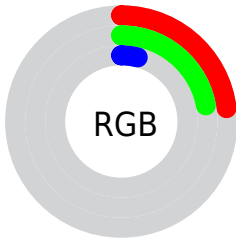
Format	Color
R_{YB}	14, 59, 10
Decimal	3880714
CIE Lab	22.60, -4.51, 27.11
CIE LCh	23, 27.487, 99.440
Yxy	3.6841, 0.4168, 0.4762
Android (android.graphics.Color)	4282070794 (0xFF3B370A)
YUV	51.0660, -20.2455, 6.9581
Hunter-Lab	19.1940, -3.6014, 10.8772

Details

The Hex color **3B370A** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0A0E3B**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **6C6637**, and **030C00** is the 20% darker color. If you saturate the color by 10%, you get **3B3704**, and if you desaturate by 10%, it is **3B3710**.

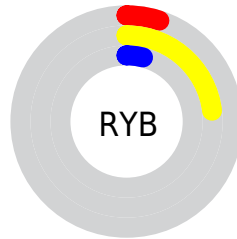
Distribution



 Red (23%)

 Green (22%)

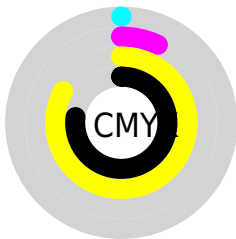
 Blue (4%)



 Red (5%)

 Yellow (23%)

 Blue (4%)

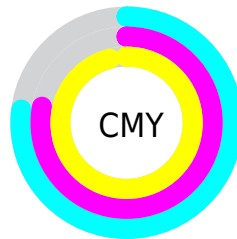


 Cyan (0%)

 Magenta (7%)

 Yellow (83%)

 Black (77%)



 Cyan (77%)

 Magenta (78%)

 Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B370A 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 3B370A by changing the saturation by 10% instead.

 3B370A

 3B370A

 FFFFEE

 252200

 6C6637

 030C00

 867E4F

 000000

 A19867

 BCB380

 D8CF9B

 F5EBB6

 FFFFD1

 3B370A

 3B370A

■ 3B3704

■ 3B3710

■ 3B3600

■ 3B3816

■ 3B381C

■ 3B3922

■ 3B3927

■ 3B3A2D

■ 3B3A33

■ 3B3B39

■ 3B3B3F

Harmonies

Analogous

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



4C300E



3B370A



253C15

Triad

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



3B370A



003F4F



542645

Complementary

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



3B370A



0A0E3B

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.



402E56



3B370A



003C5C

Square

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



3B370A



00403C



1A365E



5B2330

Rectangle

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



3B370A



103E20



1A365E



4E284B

Sweetspot

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



3B370A



4D4B39



3B0A0E



26251B



A6A6A6



262626

Same Dimension

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



3B370A



4D4600



273B0A



1F1E1C



5E5700



DECC00

Inverse Universe

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



0A0E3B



00064D



1E0A3B



1C1C1F



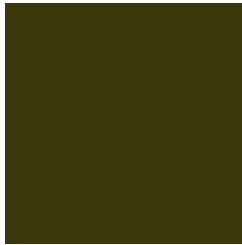
00085E



0012DE

Previews

White Background



This preview shows how the Hex color 3B370A looks on a white background.

Color Contrast Check

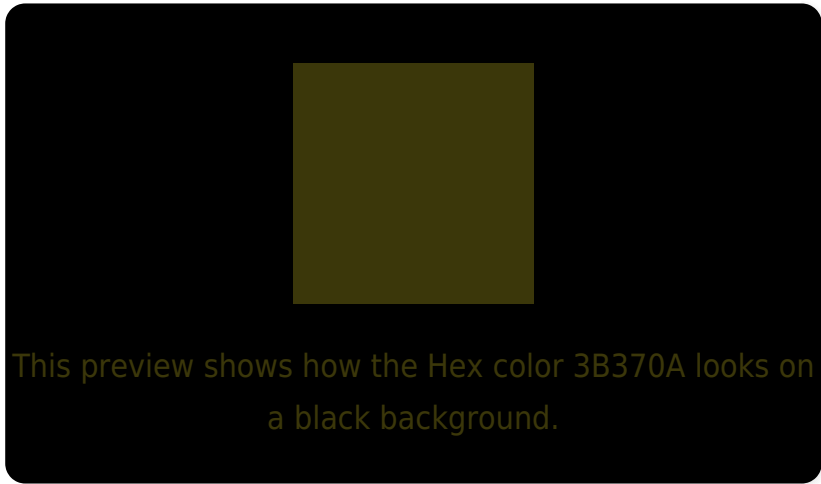
Large Text (above 18pt) WCAG AA ✓ Pass

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

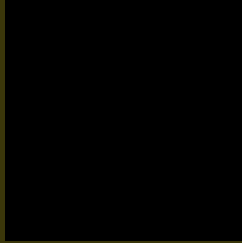
Any Text WCAG AA × Fail

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 3B370A Background



This preview shows how black text looks on a background with the Hex color 3B370A.



This preview shows how white text looks on a background with the Hex color 3B370A.

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](#).

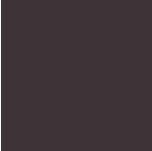
Dichromacy



Original Color
3B370A

Protanopia
3D360A

Deuteranopia
44330C



Tritanopia
3E3337

Trichromacy



Original Color
3B370A

Protanomaly
3C360A

Deuteranomaly
41340B

Tritanomaly
3D3427

Monochromacy



Original Color
3B370A

Achromatopsia
333333

Achromatomaly
363424

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B370A 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 #3B370A looks like.

```
.text, #text, p{  
    color:#3B370A  
}
```

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 #3B370A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B370A
}
```

Border

The CSS property to change the border of an element to Hex 3B370A 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".

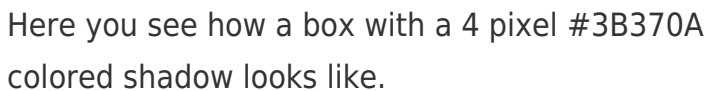
```
.border, #border, table{ border:4px solid
#3B370A }
```

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

```
.border{ border-color:#3B370A }
```

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

Here you see how a box with a 4 pixel #3B370A colored shadow looks like.

A rectangular box with a dark brown border and a dark brown shadow. The shadow is cast to the right and bottom of the box, giving it a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #3B370A colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B370A; -webkit-box-shadow:4px 4px  
4px 4px #3B370A; box-shadow:4px 4px 4px  
4px #3B370A }
```

Background

The CSS property to change the background color of an element to Hex 3B370A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B370A }
```

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

```
.background{ background-color:#3B370A }
```

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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