

Converting Colors

Hex(3B3830)

Have a look what the booklet for
Hex(3B3830) contains.

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Color

Hex(3B3830)

Conversions

Conversions Part 1

Format	Color
Hex	3B3830
RGB	59, 56, 48
RGB Percent	23%, 22%, 19%
CMY	0.7686, 0.7804, 0.8118
CMYK	0.00, 0.05, 0.19, 0.77
HSL	44°, 10%, 21%
HSV	44°, 19%, 23%
XYZ	3.7513, 3.9716, 3.3652
YIQ	55.9850, 4.3560, -1.8520

Conversions

Conversions Part 2

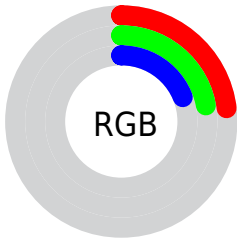
Format	Color
R_YB	52, 59, 48
Decimal	3881008
CIE Lab	23.58, -0.36, 5.47
CIE LCh	24, 5.484, 93.715
Yxy	3.9716, 0.3383, 0.3582
Android (android.graphics.Color)	4282071088 (0xFF3B3830)
YUV	55.9850, -3.9366, 2.6442
Hunter-Lab	19.9288, -1.2752, 3.9384

Details

The Hex color **3B3830** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **30333B**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **6A675E**, and **110D00** is the 20% darker color. If you saturate the color by 10%, you get **3B362A**, and if you desaturate by 10%, it is **3B3A36**.

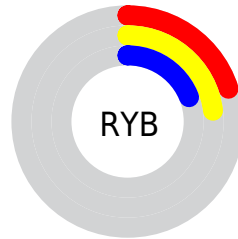
Distribution



Red (23%)

Green (22%)

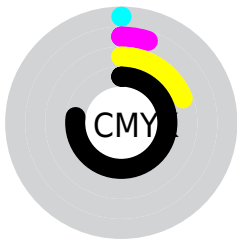
Blue (19%)



Red (20%)

Yellow (23%)

Blue (19%)

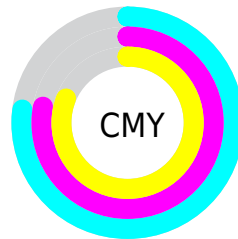


Cyan (0%)

Magenta (5%)

Yellow (19%)

Black (77%)



Cyan (77%)

Magenta (78%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B3830 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 3B3830 by changing the saturation by 10% instead.

■ 3B3830

■ 3B3830

FFFFFF

■ 25231B

■ 6A675E

■ 110D00

■ 838077

■ 000000

■ 9E9A90

■ B8B5AB

■ D4D0C6

■ F1ECE2

■ 3B3830

■ 3B3830

■ 3B362A

■ 3B3A36

■ 3B3524

■ 3B3B3C

■ 3B331E

■ 3B3D42

■ 3B3218

■ 3B3E48

■ 3B3012

■ 3B404E

■ 3B2E0D

■ 3B4253

■ 3B2D07

■ 3B4359

■ 3B2B01

■ 3B455F

■ 3B2B00

■ 3B4665

Harmonies

Analogous

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



3F3731



3B3830



363931

Triad

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



3B3830



2E3A3D



3E363C

Complementary

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



3B3830



30333B

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.



3A373F



3B3830



303A3F

Square

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



3B3830



2F3B39



343840



413538

Rectangle

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



3B3830



333A33



343840



3D363D

Sweetspot

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



3B3830



4D4B48



3B3033



262624



A6A6A6



262626

Same Dimension

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



3B3830



4D483C



393B30



1F1E1C



5E4500



DEA100

Inverse Universe

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



30333B



3C404D



32303B



1C1C1F



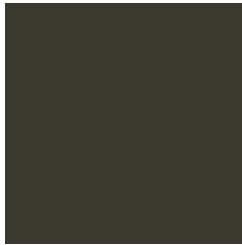
001A5E



003DDE

Previews

White Background



This preview shows how the Hex color 3B3830 looks on a white background.

Color Contrast Check

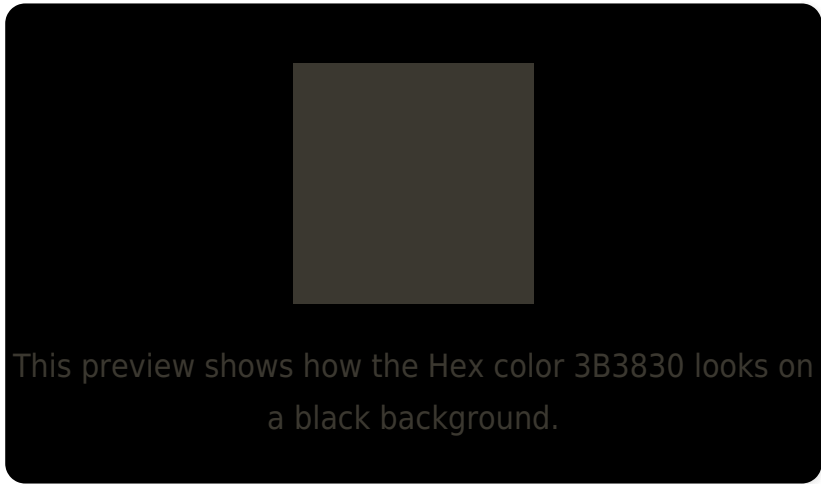
Large Text (above 18pt) WCAG AA ✓ Pass

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

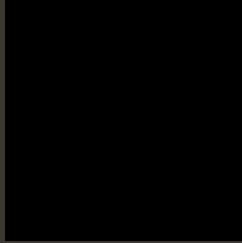
Any Text WCAG AA × Fail

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 3B3830 Background



This preview shows how black text looks on a background with the Hex color 3B3830.



This preview shows how white text looks on a background with the Hex color 3B3830.

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


3B3830

Protanopia

3B3830

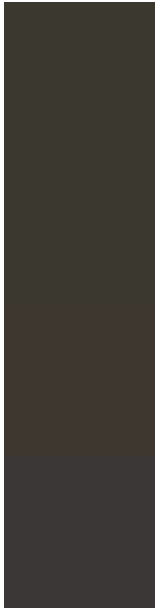
Deuteranopia

403630



Tritanopia
3C363B

Trichromacy



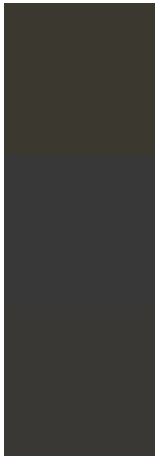
Original Color
3B3830

Protanomaly
3B3830

Deuteranomaly
3E3730

Tritanomaly
3C3737

Monochromacy



Original Color
3B3830

Achromatopsia
383838

Achromatomaly
393835

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B3830 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 #3B3830 looks like.

```
.text, #text, p{  
    color:#3B3830  
}
```

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 #3B3830 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B3830
}
```

Border

The CSS property to change the border of an element to Hex 3B3830 is called "border". The border property can be set on classes, ids or directly on the HTML element.

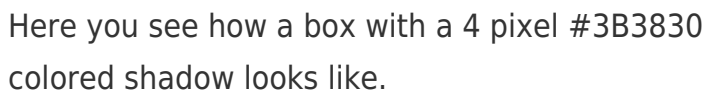
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B3830 }
```

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

```
.border{ border-color:#3B3830 }
```

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



Here you see how a box with a 4 pixel #3B3830 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B3830; -webkit-box-shadow:4px 4px  
4px 4px #3B3830; box-shadow:4px 4px 4px  
4px #3B3830 }
```

Background

The CSS property to change the background color of an element to Hex 3B3830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B3830 }
```

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

```
.background{ background-color:#3B3830 }
```

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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