

Converting Colors

Hex(3B3801)

Have a look what the booklet for
Hex(3B3801) contains.

Hex(3B3801)	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(3B3801)

Conversions

Conversions Part 1

Format	Color
Hex	3B3801
RGB	59, 56, 1
RGB Percent	23%, 22%, 0%
CMY	0.7686, 0.7804, 0.9961
CMYK	0.00, 0.05, 0.98, 0.77
HSL	57°, 97%, 12%
HSV	57°, 98%, 23%
XYZ	3.2233, 3.7603, 0.5846
YIQ	50.6270, 19.4430, -16.4690

Conversions

Conversions Part 2

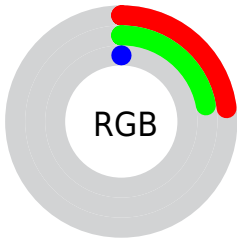
Format	Color
R_YB	4, 59, 1
Decimal	3880961
CIE Lab	22.86, -5.67, 31.06
CIE LCh	23, 31.570, 100.347
Yxy	3.7603, 0.4259, 0.4969
Android (android.graphics.Color)	4282071041 (0xFF3B3801)
YUV	50.6270, -24.4661, 7.3431
Hunter-Lab	19.3916, -4.2649, 11.7866

Details

The Hex color **3B3801** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **01043B**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **6D6730**, and **010E00** is the 20% darker color. If you saturate the color by 10%, you get **3B3800**, and if you desaturate by 10%, it is **3B3807**.

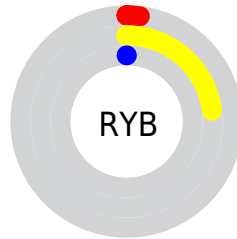
Distribution



Red (23%)

Green (22%)

Blue (0%)



Red (2%)

Yellow (23%)

Blue (0%)

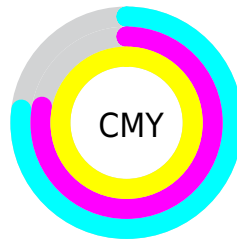


Cyan (0%)

Magenta (5%)

Yellow (98%)

Black (77%)



Cyan (77%)

Magenta (78%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B3801 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 3B3801 by changing the saturation by 10% instead.

 3B3801

 3B3801

 FFFFE6

 242300

 6D6730

 010E00

 878048

 000000

 A19960

 BDB47A

 D9D094

 F6ECAE

 FFFPCA

 3B3801

 3B3801

■ 3B3800

■ 3B3807

■ 3B390D

■ 3B3913

■ 3B3919

■ 3B3A1E

■ 3B3A24

■ 3B3A2A

■ 3B3A30

■ 3B3B36

Harmonies

Analogous

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



4F3006



3B3801



213E10

Triad

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



3B3801



004155



592347

Complementary

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



3B3801



01043B

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.



422D5B



3B3801



003D63

Square

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



3B3801



00423E



123765



61202F

Rectangle

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



3B3801



02401E



123765



53264E

Sweetspot

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



3B3801



4D4B36



3B0105



262619



A6A6A6



262626

Same Dimension

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



3B3801



4D4900



223B01



1F1E1C



5E5900



DED200

Inverse Universe

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



01043B



00044D



1A013B



1C1C1F



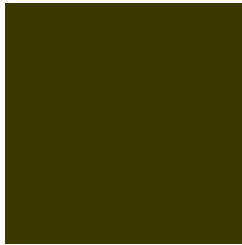
00055E



000BDE

Previews

White Background



This preview shows how the Hex color 3B3801 looks on a white background.

Color Contrast Check

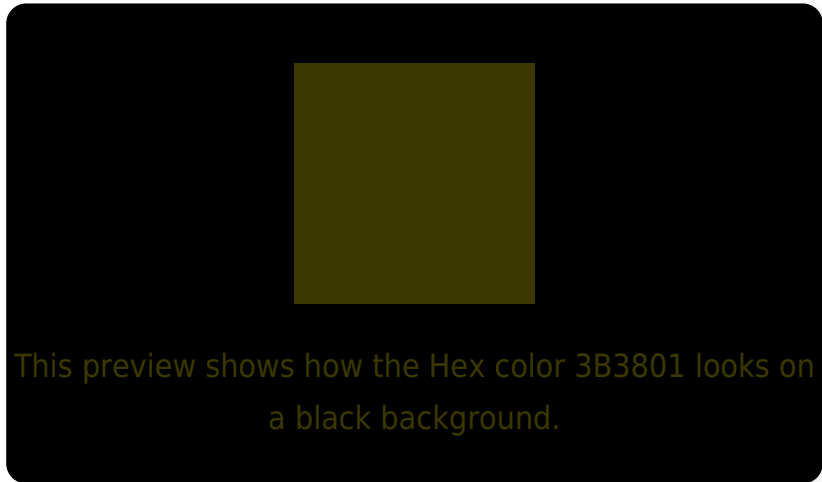
Large Text (above 18pt) WCAG AA ✓ Pass

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

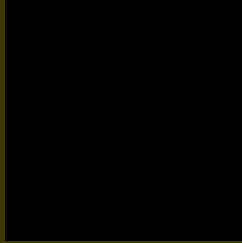
Any Text WCAG AA × Fail

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 3B3801 Background



This preview shows how black text looks on a background with the Hex color 3B3801.

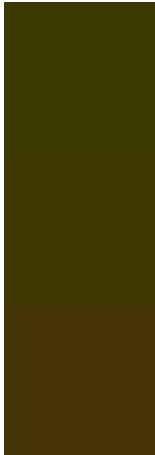


This preview shows how white text looks on a background with the Hex color 3B3801.

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](#).

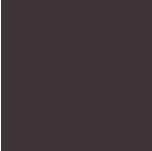
Dichromacy



Original Color
3B3801

Protanopia
3E3700

Deuteranopia
453408



Tritanopia
3E3438

Trichromacy



Original Color
3B3801

Protanomaly
3D3700

Deuteranomaly
413505

Tritanomaly
3D3524

Monochromacy



Original Color
3B3801

Achromatopsia
333333

Achromatomaly
363521

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B3801 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 #3B3801 looks like.

```
.text, #text, p{  
    color:#3B3801  
}
```

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 #3B3801 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B3801
}
```

Border

The CSS property to change the border of an element to Hex 3B3801 is called "border". The border property can be set on classes, ids or directly on the HTML element.

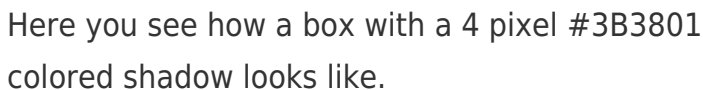
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B3801 }
```

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

```
.border{ border-color:#3B3801 }
```

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

A rectangular box with a 4px #3B3801 colored shadow. The box is white with a thin black border and a dark green shadow on the right and bottom sides.

Here you see how a box with a 4 pixel #3B3801 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B3801; -webkit-box-shadow:4px 4px  
4px 4px #3B3801; box-shadow:4px 4px 4px  
4px #3B3801 }
```

Background

The CSS property to change the background color of an element to Hex 3B3801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B3801 }
```

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

```
.background{ background-color:#3B3801 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor