

Converting Colors

Hex(3B3906)

Have a look what the booklet for
Hex(3B3906) contains.

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Color

Hex(3B3906)

Conversions

Conversions Part 1

Format	Color
Hex	3B3906
RGB	59, 57, 6
RGB Percent	23%, 22%, 2%
CMY	0.7686, 0.7765, 0.9765
CMYK	0.00, 0.03, 0.90, 0.77
HSL	58°, 82%, 13%
HSV	58°, 90%, 23%
XYZ	3.2996, 3.8692, 0.7452
YIQ	51.7840, 17.5630, -15.4370

Conversions

Conversions Part 2

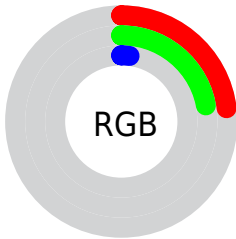
Format	Color
R_YB	8, 59, 6
Decimal	3881222
CIE Lab	23.23, -6.00, 29.40
CIE LCh	23, 30.007, 101.542
Yxy	3.8692, 0.4169, 0.4889
Android (android.graphics.Color)	4282071302 (0xFF3B3906)
YUV	51.7840, -22.5715, 6.3284
Hunter-Lab	19.6703, -4.4802, 11.5230

Details

The Hex color **3B3906** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **06083B**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **6C6834**, and **030F00** is the 20% darker color. If you saturate the color by 10%, you get **3B3900**, and if you desaturate by 10%, it is **3B390C**.

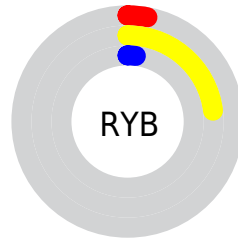
Distribution



Red (23%)

Green (22%)

Blue (2%)



Red (3%)

Yellow (23%)

Blue (2%)

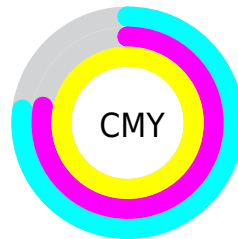


Cyan (0%)

Magenta (3%)

Yellow (90%)

Black (77%)



Cyan (77%)

Magenta (78%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B3906 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 3B3906 by changing the saturation by 10% instead.

 3B3906

 3B3906

 FFFFEB

 242400

 6C6834

 030F00

 86814C

 000000

 A19B64

 BDB57E

 D9D198

 F6EDB3

 FFFFCE

 3B3906

 3B3906

■ 3B3900

■ 3B390C

■ 3B3912

■ 3B3A18

■ 3B3A1E

■ 3B3A23

■ 3B3A29

■ 3B3B2F

■ 3B3B35

■ 3B3B3B

Harmonies

Analogous

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



4E310A



3B3906



223E14

Triad

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



3B3906



004155



592546

Complementary

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



3B3906



06083B

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.



442E59



3B3906



003E62

Square

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



3B3906



004240



1B3763



602230

Rectangle

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



3B3906



064021



1B3763



53274D

Sweetspot

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



3B3906



4D4C38



3B0609



26261A



A6A6A6



262626

Same Dimension

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



3B3906



4D4A00



233B06



1F1E1C



5E5B00



DED500

Inverse Universe

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



06083B



00034D



1E063B



1C1C1F



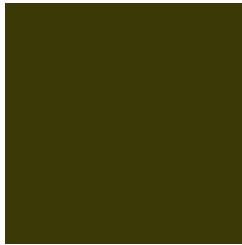
00045E



0008DE

Previews

White Background



This preview shows how the Hex color 3B3906 looks on a white background.

Color Contrast Check

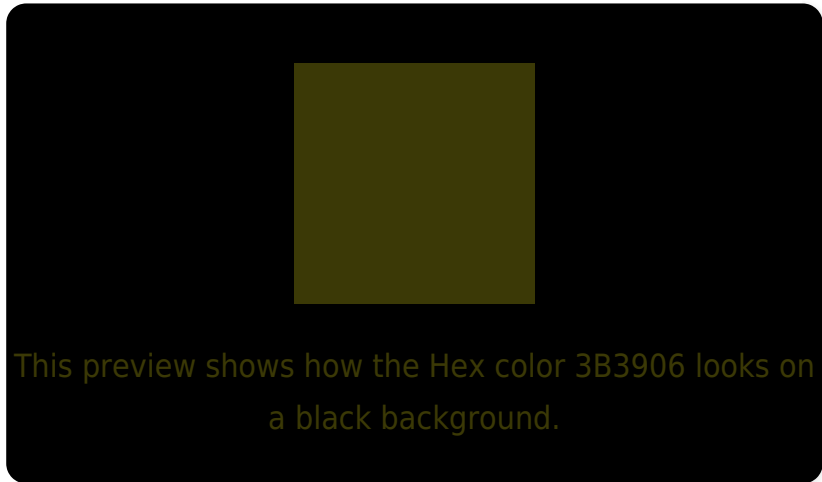
Large Text (above 18pt) WCAG AA ✓ Pass

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

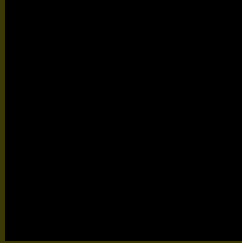
Any Text WCAG AA × Fail

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 3B3906 Background



This preview shows how black text looks on a background with the Hex color 3B3906.



This preview shows how white text looks on a background with the Hex color 3B3906.

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
3B3906

Protanopia
3F3805

Deuteranopia
46350A



Tritanopia
3F3539

Trichromacy



Original Color
3B3906

Protanomaly
3E3805

Deuteranomaly
423609

Tritanomaly
3E3626

Monochromacy



Original Color
3B3906

Achromatopsia
343434

Achromatomaly
373623

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B3906 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 #3B3906 looks like.

```
.text, #text, p{  
    color:#3B3906  
}
```

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 #3B3906 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B3906
}
```

Border

The CSS property to change the border of an element to Hex 3B3906 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".

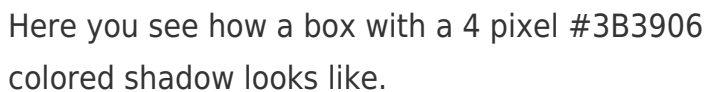
```
.border, #border, table{ border:4px solid
#3B3906 }
```

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

```
.border{ border-color:#3B3906 }
```

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

Here you see how a box with a 4 pixel #3B3906 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B3906; -webkit-box-shadow:4px 4px  
4px 4px #3B3906; box-shadow:4px 4px 4px  
4px #3B3906 }
```

Background

The CSS property to change the background color of an element to Hex 3B3906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B3906 }
```

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

```
.background{ background-color:#3B3906 }
```

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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