

Converting Colors

Hex(3B3606)

Have a look what the booklet for
Hex(3B3606) contains.

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Color

Hex(3B3606)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 3B3606 |
| RGB | 59, 54, 6 |
| RGB Percent | 23%, 21%, 2% |
| CMY | 0.7686, 0.7882, 0.9765 |
| CMYK | 0.00, 0.08, 0.90, 0.77 |
| HSL | 54°, 82%, 13% |
| HSV | 54°, 90%, 23% |
| XYZ | 3.1557, 3.5813, 0.6972 |
| YIQ | 50.0230, 18.3880, -13.8680 |

Conversions

Conversions Part 2

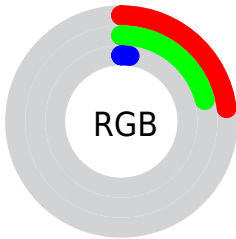
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 12, 59, 6 |
| Decimal | 3880454 |
| CIE Lab | 22.24, -4.11, 28.36 |
| CIE LCh | 22, 28.661, 98.240 |
| Yxy | 3.5813, 0.4245, 0.4817 |
| Android (android.graphics.Color) | 4282070534 (0xFF3B3606) |
| YUV | 50.0230, -21.7033, 7.8728 |
| Hunter-Lab | 18.9243, -3.3522, 11.0626 |

Details

The Hex color **3B3606** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **060B3B**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **6C6434**, and **020B00** is the 20% darker color. If you saturate the color by 10%, you get **3B3500**, and if you desaturate by 10%, it is **3B370C**.

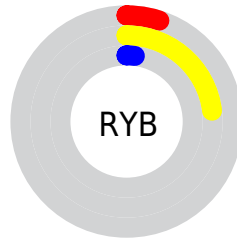
Distribution



Red (23%)

Green (21%)

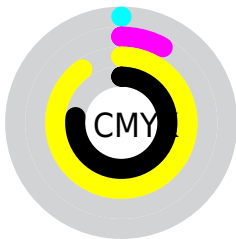
Blue (2%)



Red (5%)

Yellow (23%)

Blue (2%)

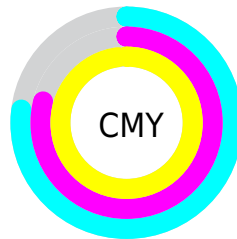


Cyan (0%)

Magenta (8%)

Yellow (90%)

Black (77%)



Cyan (77%)

Magenta (79%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B3606 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 3B3606 by changing the saturation by 10% instead.



3B3606



3B3606



FFFFEA



242100



6C6434



020B00



867D4B



000000



A19764



BDB27D



D9CD97



F6E9B2



FFFFCE



3B3606



3B3606

■ 3B3500

■ 3B370C

■ 3B3712

■ 3B3818

■ 3B381E

■ 3B3923

■ 3B3929

■ 3B3A2F

■ 3B3A35

■ 3B3B3B

Harmonies

Analogous

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



4D2E0C



3B3606



243B11

Triad

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



3B3606



003F4F



532445

Complementary

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



3B3606



060B3B

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.



3E2D57



3B3606



003C5D

Square

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



3B3606



003F3B



14365F



5C2130

Rectangle

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



3B3606



0E3E1E



14365F



4E274C

Sweetspot

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



3B3606



4D4B38



3B060B



26251A



A6A6A6



262626

Same Dimension

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



3B3606



4D4500



263B06



1F1E1C



5E5500



DEC900

Inverse Universe

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



060B3B



00074D



1B063B



1C1C1F



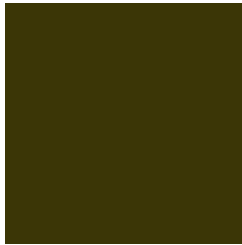
00095E



0015DE

Previews

White Background



This preview shows how the Hex color 3B3606 looks on a white background.

Color Contrast Check

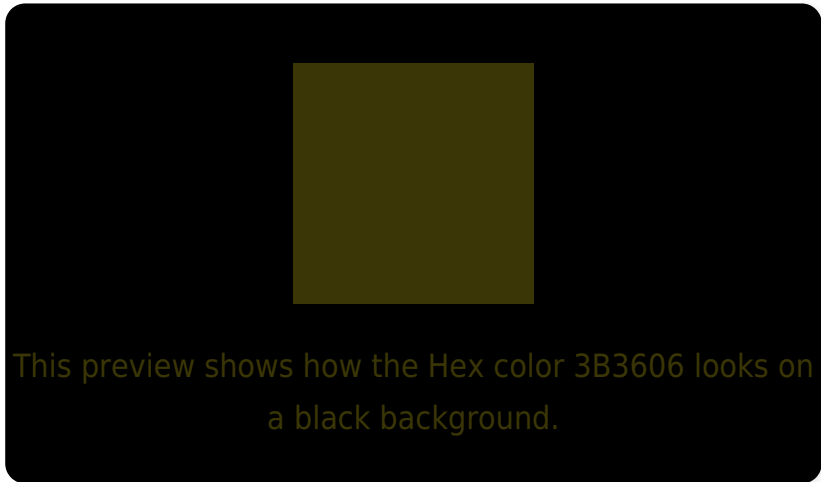
Large Text (above 18pt) WCAG AA ✓ Pass

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

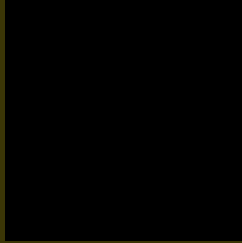
Any Text WCAG AA × Fail

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 3B3606 Background



This preview shows how black text looks on a background with the Hex color 3B3606.



This preview shows how white text looks on a background with the Hex color 3B3606.

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](#).

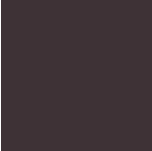
Dichromacy



Original Color
3B3606

Protanopia
3C3606

Deuteranopia
433309



Tritanopia
3E3236

Trichromacy



Original Color
3B3606

Protanomaly
3C3606

Deuteranomaly
403408

Tritanomaly
3D3325

Monochromacy



Original Color
3B3606

Achromatopsia
323232

Achromatomaly
353322

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B3606 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 #3B3606 looks like.

```
.text, #text, p{  
    color:#3B3606  
}
```

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 #3B3606 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B3606
}
```

Border

The CSS property to change the border of an element to Hex 3B3606 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".

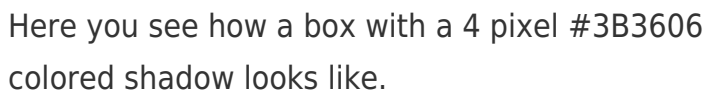
```
.border, #border, table{ border:4px solid
#3B3606 }
```

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

```
.border{ border-color:#3B3606 }
```

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

Here you see how a box with a 4 pixel #3B3606 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B3606; -webkit-box-shadow:4px 4px  
4px 4px #3B3606; box-shadow:4px 4px 4px  
4px #3B3606 }
```

Background

The CSS property to change the background color of an element to Hex 3B3606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B3606 }
```

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

```
.background{ background-color:#3B3606 }
```

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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