

Converting Colors

Hex(3B3106)

Have a look what the booklet for
Hex(3B3106) contains.

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Color

Hex(3B3106)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 3B3106 |
| RGB | 59, 49, 6 |
| RGB Percent | 23%, 19%, 2% |
| CMY | 0.7686, 0.8078, 0.9765 |
| CMYK | 0.00, 0.17, 0.90, 0.77 |
| HSL | 49°, 82%, 13% |
| HSV | 49°, 90%, 23% |
| XYZ | 2.9348, 3.1396, 0.6236 |
| YIQ | 47.0880, 19.7630, -11.2530 |

Conversions

Conversions Part 2

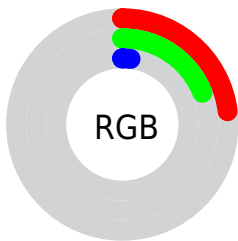
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 18, 59, 6 |
| Decimal | 3879174 |
| CIELab | 20.59, -0.87, 26.59 |
| CIELCh | 21, 26.602, 91.880 |
| Yxy | 3.1396, 0.4382, 0.4687 |
| Android (android.graphics.Color) | 4282069254 (0xFF3B3106) |
| YUV | 47.0880, -20.2564, 10.4468 |
| Hunter-Lab | 17.7189, -1.4426, 10.3165 |

Details

The Hex color **3B3106** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **06103B**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **6C5F34**, and **010300** is the 20% darker color. If you saturate the color by 10%, you get **3B3000**, and if you desaturate by 10%, it is **3B320C**.

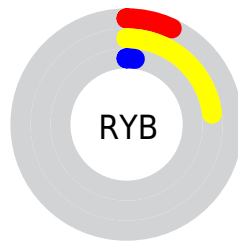
Distribution



Red (23%)

Green (19%)

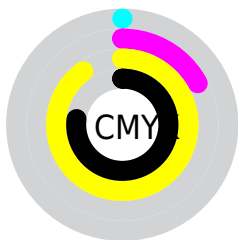
Blue (2%)



Red (7%)

Yellow (23%)

Blue (2%)

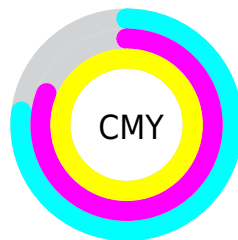


Cyan (0%)

Magenta (17%)

Yellow (90%)

Black (77%)



Cyan (77%)

Magenta (81%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B3106 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 3B3106 by changing the saturation by 10% instead.

 3B3106

 3B3106

 FFFFE9

 241C00

 6C5F34

 010300

 86774B

 000000

 A19163

 BDAC7C

 D9C796

 F6E3B1

 FFFFCD

 3B3106

 3B3106

■ 3B3000

■ 3B320C

■ 3B3312

■ 3B3418

■ 3B351E

■ 3B3723

■ 3B3829

■ 3B392F

■ 3B3A35

■ 3B3B3B

Harmonies

Analogous

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



4A2A0F



3B3106



27360E

Triad

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



3B3106



003B46



4A2444

Complementary

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



3B3106



06103B

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.



342C53



3B3106



003854

Square

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



3B3106



003B32



043359



542031

Rectangle

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



3B3106



163918



043359



44264A

Sweetspot

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



3B3106



4D4938



3B0611



26241A



A6A6A6



262626

Same Dimension

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



3B3106



4D3E00



2B3B06



1F1E1C



5E4D00



DEB400

Inverse Universe

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



06103B



000E4D



16063B



1C1C1F



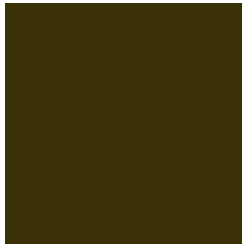
00125E



002ADE

Previews

White Background



This preview shows how the Hex color 3B3106 looks on a white background.

Color Contrast Check

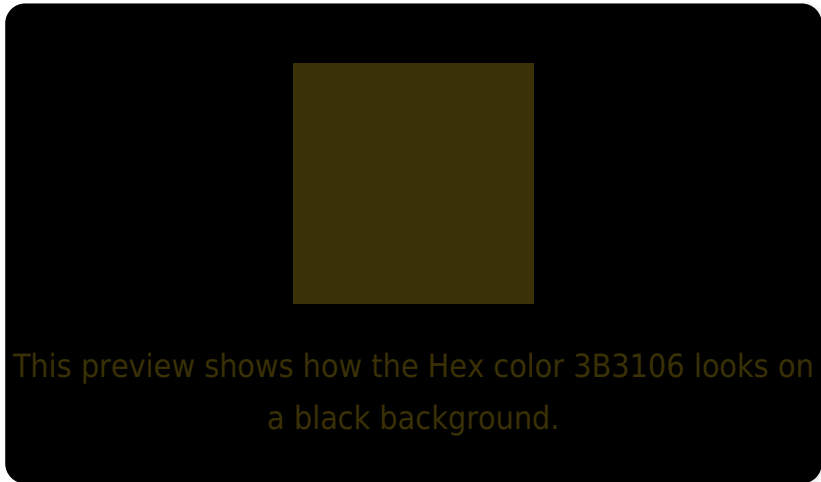
Large Text (above 18pt) WCAG AA ✓ Pass

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

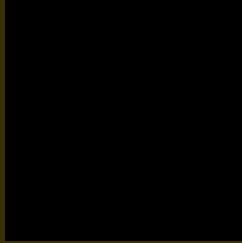
Any Text WCAG AA × Fail

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 3B3106 Background



This preview shows how black text looks on a background with the Hex color 3B3106.



This preview shows how white text looks on a background with the Hex color 3B3106.

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](#).

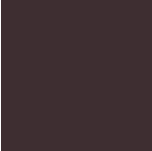
Dichromacy



Original Color
3B3106

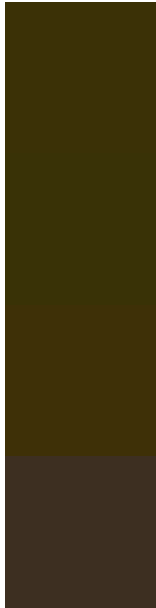
Protanopia
383206

Deuteranopia
3F2F08



Tritanopia
3E2E31

Trichromacy



Original Color
3B3106

Protanomaly
393206

Deuteranomaly
3E3007

Tritanomaly
3D2F21

Monochromacy



Original Color
3B3106

Achromatopsia
2F2F2F

Achromatomaly
333020

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B3106 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 #3B3106 looks like.

```
.text, #text, p{  
    color:#3B3106  
}
```

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 #3B3106 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B3106  
}
```

Border

The CSS property to change the border of an element to Hex 3B3106 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  
#3B3106 }
```

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

```
.border{ border-color:#3B3106 }
```

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

Here you see how a box with a 4 pixel #3B3106 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B3106; -webkit-box-shadow:4px 4px  
4px 4px #3B3106; box-shadow:4px 4px 4px  
4px #3B3106 }
```

Background

The CSS property to change the background color of an element to Hex 3B3106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B3106 }
```

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

```
.background{ background-color:#3B3106 }
```

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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