

Converting Colors

Hex(801B06)

Have a look what the booklet for
Hex(801B06) contains.

| | |
|--|----|
| Hex(801B06) | 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(801B06)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 801B06 |
| RGB | 128, 27, 6 |
| RGB Percent | 50%, 11%, 2% |
| CMY | 0.4980, 0.8941, 0.9765 |
| CMYK | 0.00, 0.79, 0.95, 0.50 |
| HSL | 10°, 91%, 26% |
| HSV | 10°, 95%, 50% |
| XYZ | 9.3269, 5.3862, 0.7204 |
| YIQ | 54.8050, 66.9370, 14.8810 |

Conversions

Conversions Part 2

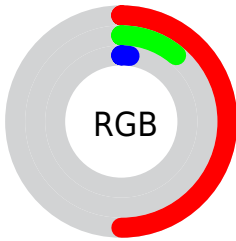
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 128, 31, 6 |
| Decimal | 8395526 |
| CIE _{Lab} | 27.81, 41.80, 37.64 |
| CIE _{LCh} | 28, 56.247, 42.006 |
| Yxy | 5.3862, 0.6043, 0.3490 |
| Android (android.graphics.Color) | 4286585606 (0xFF801B06) |
| YUV | 54.8050, -24.0609, 64.1920 |
| Hunter-Lab | 23.2082, 31.1210, 14.4055 |

Details

The Hex color **801B06** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **066B80**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **BC5034**, and **460000** is the 20% darker color. If you saturate the color by 10%, you get **801600**, and if you desaturate by 10%, it is **802613**.

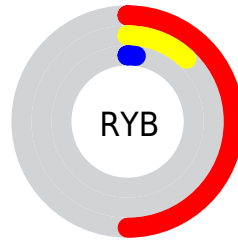
Distribution



Red (50%)

Green (11%)

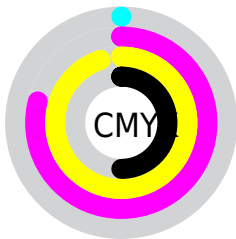
Blue (2%)



Red (50%)

Yellow (12%)

Blue (2%)

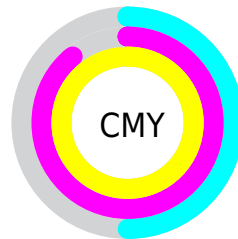


Cyan (0%)

Magenta (79%)

Yellow (95%)

Black (50%)



Cyan (50%)

Magenta (89%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 801B06 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 801B06 by changing the saturation by 10% instead.

 801B06

 801B06

 FFFFEA

 630000

 BC5034

 460000

 DA6A4B

 2C0001

 F98464

 000000

 FF9F7D

 FFBB97

 FFD7B2

 FFF4CE

 801B06

 801B06

■ 801600

■ 802613

■ 803020

■ 803B2C

■ 804539

■ 805046

■ 805B53

■ 806560

■ 80706C

■ 807A79

Harmonies

Analogous

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



8B0033



801B06



663600

Triad

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



801B06



005225



004298

Complementary

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



801B06



066B80

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.



004E95



801B06



005353

Square

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



801B06



014E00



00537B



562B83

Rectangle

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



801B06



4F4100



00537B



00479A

Sweetspot

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



801B06



A67E76



80066C



543C37



D4D4D4



545454

Same Dimension

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



801B06



A61D00



805706



403A39



801600



000000

Inverse Universe

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



066B80



0089A6



062F80



393F40



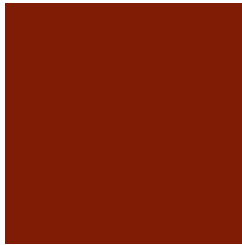
006A80



000000

Previews

White Background



This preview shows how the Hex color 801B06 looks on a white background.

Color Contrast Check

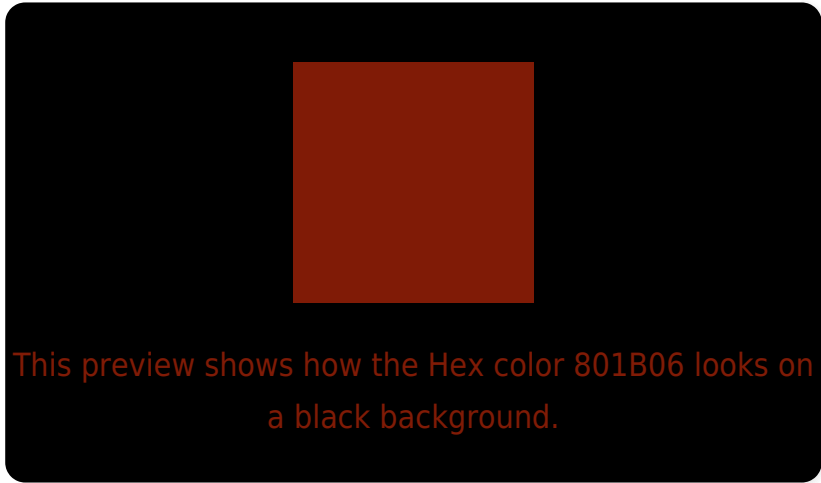
Large Text (above 18pt) WCAG AA ✓ Pass

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

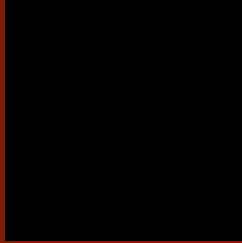
Any Text WCAG AA × Fail

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 801B06 Background



This preview shows how black text looks on a background with the Hex color 801B06.



This preview shows how white text looks on a background with the Hex color 801B06.

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
801B06

Protanopia
4C4411

Deuteranopia
554000



Tritanopia
801919

Trichromacy



Original Color
801B06

Protanomaly
5F350D

Deuteranomaly
653302

Tritanomaly
801A12

Monochromacy



Original Color
801B06

Achromatopsia
373737

Achromatomaly
522D25

CSS Examples

Text

The CSS property to change the color of the text to Hex 801B06 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 #801B06 looks like.

```
.text, #text, p{  
    color:#801B06  
}
```

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 #801B06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #801B06
}
```

Border

The CSS property to change the border of an element to Hex 801B06 is called "border". The border property can be set on classes, ids or directly on the HTML element.

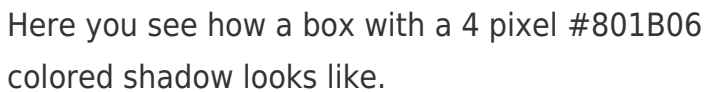
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#801B06 }
```

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

```
.border{ border-color:#801B06 }
```

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



Here you see how a box with a 4 pixel #801B06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #801B06; -webkit-box-shadow:4px 4px  
4px 4px #801B06; box-shadow:4px 4px 4px  
4px #801B06 }
```

Background

The CSS property to change the background color of an element to Hex 801B06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#801B06 }
```

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

```
.background{ background-color:#801B06 }
```

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