

# Converting Colors

Hex(400B06)

Have a look what the booklet for  
Hex(400B06) contains.

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**Color**

**Hex(400B06)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>             |
|---------------|--------------------------|
| Hex           | 400B06                   |
| RGB           | 64, 11, 6                |
| RGB Percent   | 25%, 4%, 2%              |
| CMY           | 0.7490, 0.9569, 0.9765   |
| CMYK          | 0.00, 0.83, 0.91, 0.75   |
| HSL           | 5°, 83%, 14%             |
| HSV           | 5°, 91%, 25%             |
| XYZ           | 2.2669, 1.3425, 0.3119   |
| YIQ           | 26.2770, 33.1930, 9.6810 |

# Conversions

## Conversions Part 2

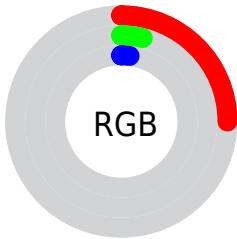
| <b>Format</b>                       | <b>Color</b>                                  |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">64, 11, 6</a>                     |
| Decimal                             | <a href="#">4197126</a>                       |
| CIELab                              | <a href="#">11.57, 25.09, 15.49</a>           |
| CIElCh                              | <a href="#">12, 29.485, 31.682</a>            |
| Yxy                                 | <a href="#">1.3425, 0.5781,<br/>0.3424</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4282387206<br/>(0xFF400B06)</a>   |
| YUV                                 | <a href="#">26.2770, -9.9966,<br/>33.0831</a> |
| Hunter-Lab                          | <a href="#">11.5866, 14.6469,<br/>6.5143</a>  |

# Details

The Hex color **400B06** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **063B40**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **743933**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **400600**, and if you desaturate by 10%, it is **40110C**.

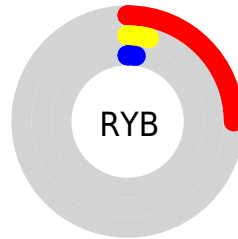
# Distribution



Red (25%)

Green (4%)

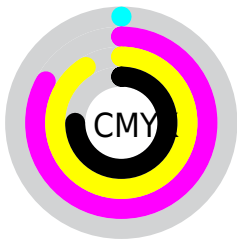
Blue (2%)



Red (25%)

Yellow (4%)

Blue (2%)

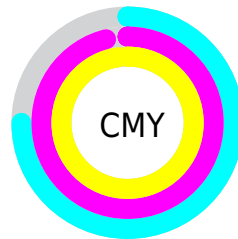


Cyan (0%)

Magenta (83%)

Yellow (91%)

Black (75%)



Cyan (75%)

Magenta (96%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 400B06 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 400B06 by changing the saturation by 10% instead.



 400B06

 400B06

 FFF1E7

 290000

 743933

 000000

 8F514A

 AB6A62

 C7837B

 E49E94

 FFB9AF

 FFD5CA

 400B06

 400B06

■ 400600

■ 40110C

■ 401713

■ 401D19

■ 402220

■ 402826

■ 402E2C

■ 403433

■ 403A39

■ 404040

# Harmonies

## Analogous

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



41061E



400B06



361600

# Triad

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



400B06



002607



002147

# Complementary

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



400B06



063B40

# 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.



002542



400B06



00281F

# Square

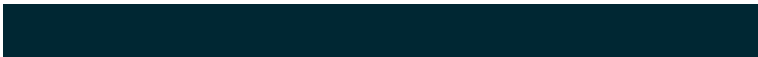
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



400B06



132300



002733



1E1941

# Rectangle

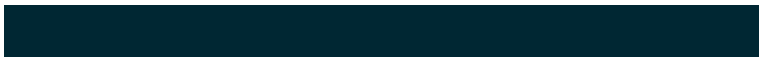
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



400B06



2C1C00



002733



002347



# Sweetspot

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



400B06



543F3D



40063B



2B1F1D



ABABAB



2B2B2B



# Same Dimension

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



400B06



540700



402806



211E1E



610800



E01300



# Inverse Universe

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



063B40



004D54



061E40



1E2121



005961

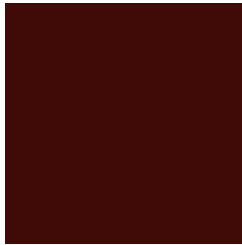


00CDE0



# Previews

## White Background



This preview shows how the Hex color 400B06 looks on a white background.

## Color Contrast Check

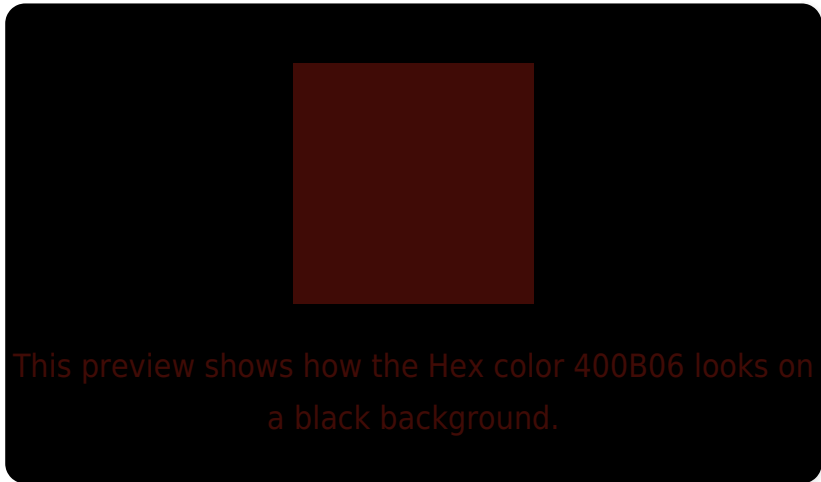
Large Text (above 18pt) WCAG AA ✓ Pass

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

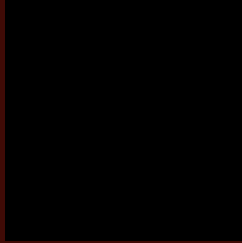
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 400B06 Background



This preview shows how black text looks on a background with the Hex color 400B06.

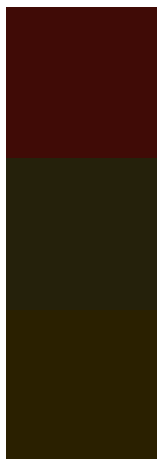


This preview shows how white text looks on a background with the Hex color 400B06.

# 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](#).

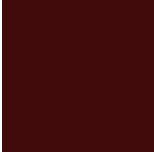
## Dichromacy



**Original Color**  
400B06

**Protanopia**  
25210B

**Deuteranopia**  
2A2000



**Tritanopia**  
400B0A

# Trichromacy



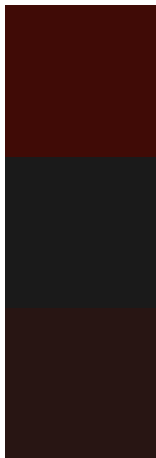
**Original Color**  
400B06

**Protanomaly**  
2F1909

**Deuteranomaly**  
321802

**Tritanomaly**  
400B09

# Monochromacy



**Original Color**  
400B06

**Achromatopsia**  
1A1A1A

**Achromatomaly**  
281513

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 400B06 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 #400B06 looks like.

```
.text, #text, p{  
    color:#400B06  
}
```

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 #400B06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #400B06
}
```

## Border

The CSS property to change the border of an element to Hex 400B06 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".

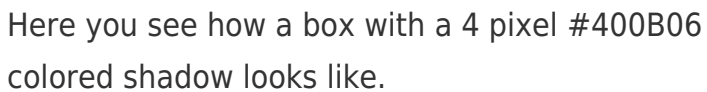
```
.border, #border, table{ border:4px solid
#400B06 }
```

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

```
.border{ border-color:#400B06 }
```

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

Here you see how a box with a 4 pixel #400B06 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #400B06 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #400B06; -webkit-box-shadow:4px 4px  
4px 4px #400B06; box-shadow:4px 4px 4px  
4px #400B06 }
```

# Background

The CSS property to change the background color of an element to Hex 400B06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#400B06 }
```

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

```
.background{ background-color:#400B06 }
```

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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