

Converting Colors

Hex(50400B)

Have a look what the booklet for
Hex(50400B) contains.

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Color

Hex(50400B)

Conversions

Conversions Part 1

Format	Color
Hex	50400B
RGB	80, 64, 11
RGB Percent	31%, 25%, 4%
CMY	0.6863, 0.7490, 0.9569
CMYK	0.00, 0.20, 0.86, 0.69
HSL	46°, 76%, 18%
HSV	46°, 86%, 31%
XYZ	5.2021, 5.3964, 1.0840
YIQ	62.7420, 26.5490, -13.0910

Conversions

Conversions Part 2

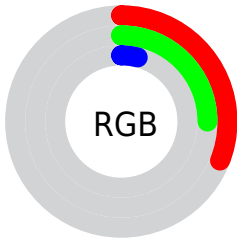
Format	Color
R_YB	32, 80, 11
Decimal	5259275
CIE Lab	27.84, 0.89, 32.55
CIE LCh	28, 32.565, 88.432
Yxy	5.3964, 0.4453, 0.4619
Android (android.graphics.Color)	4283449355 (0xFF50400B)
YUV	62.7420, -25.5088, 15.1353
Hunter-Lab	23.2302, -0.6804, 13.4944

Details

The Hex color **50400B** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0B1B50**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **846F3A**, and **201600** is the 20% darker color. If you saturate the color by 10%, you get **503E03**, and if you desaturate by 10%, it is **504213**.

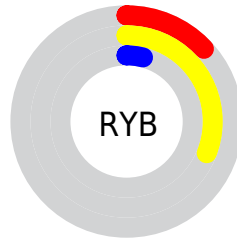
Distribution



 Red (31%)

 Green (25%)

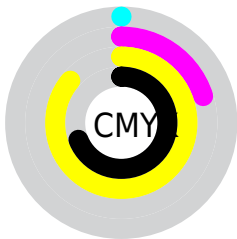
 Blue (4%)



 Red (13%)

 Yellow (31%)

 Blue (4%)

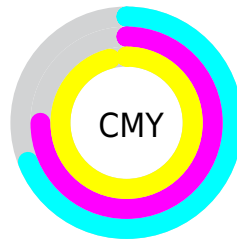


 Cyan (0%)

 Magenta (20%)

 Yellow (86%)

 Black (69%)



 Cyan (69%)

 Magenta (75%)

 Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50400B 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 50400B by changing the saturation by 10% instead.

 50400B

 50400B

 FFFFF2

 382A00

 846F3A

 201600

 9F8952

 000000

 BBA36A

 D7BE84

 F4DA9E

 FFF6BA

 FFFFD6

 50400B

 50400B

■ 503E03

■ 504213

■ 503D00

■ 50441B

■ 504623

■ 50472B

■ 504933

■ 504B3B

■ 504D43

■ 504F4B

■ 505153

Harmonies

Analogous

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



633617



50400B



374712

Triad

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



50400B



004D59



5F315C

Complementary

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



50400B



0B1B50

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.



403C6E



50400B



004B6C

Square

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



50400B



004E40



004574



6E2B44

Rectangle

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



50400B



224A1F



004574



563463

Sweetspot

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



50400B



69624D



500B1B



363225



B5B5B5



363636

Same Dimension

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



50400B



695000



3E500B



292825



E8B200

Inverse Universe

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



0B1B50



001869



1D0B50



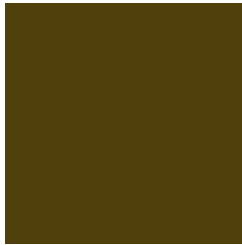
252629



0036E8

Previews

White Background



This preview shows how the Hex color 50400B looks on a white background.

Color Contrast Check

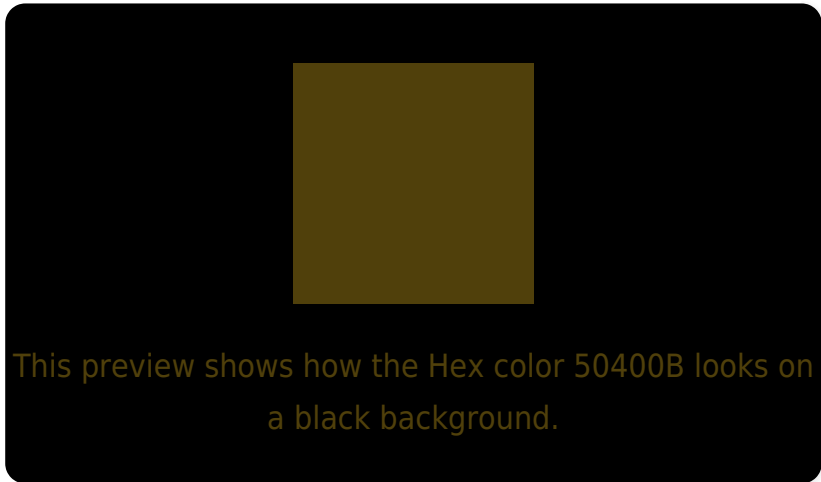
Large Text (above 18pt) WCAG AA ✓ Pass

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

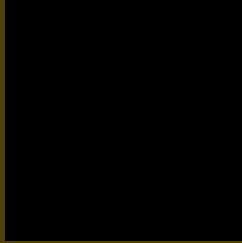
Any Text WCAG AA × Fail

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 50400B Background



This preview shows how black text looks on a background with the Hex color 50400B.

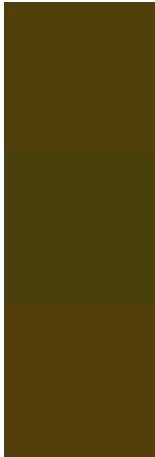


This preview shows how white text looks on a background with the Hex color 50400B.

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
50400B

Protanopia
4A420C

Deuteranopia
533F0C



Tritanopia
533C40

Trichromacy



Original Color
50400B

Protanomaly
4C410C

Deuteranomaly
523F0C

Tritanomaly
523D2D

Monochromacy



Original Color
50400B

Achromatopsia
3F3F3F

Achromatomaly
453F2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 50400B 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 #50400B looks like.

```
.text, #text, p{  
    color:#50400B  
}
```

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 #50400B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50400B
}
```

Border

The CSS property to change the border of an element to Hex 50400B is called "border". The border property can be set on classes, ids or directly on the HTML element.

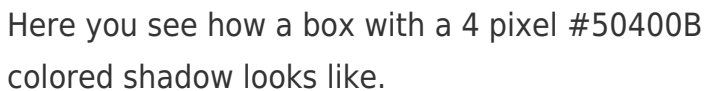
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#50400B }
```

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

```
.border{ border-color:#50400B }
```

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



Here you see how a box with a 4 pixel #50400B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50400B; -webkit-box-shadow:4px 4px  
4px 4px #50400B; box-shadow:4px 4px 4px  
4px #50400B }
```

Background

The CSS property to change the background color of an element to Hex 50400B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50400B }
```

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

```
.background{ background-color:#50400B }
```

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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