

Converting Colors

Hex(4B3B00)

Have a look what the booklet for
Hex(4B3B00) contains.

Hex(4B3B00)	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(4B3B00)

Conversions

Conversions Part 1

Format	Color
Hex	4B3B00
RGB	75, 59, 0
RGB Percent	29%, 23%, 0%
CMY	0.7059, 0.7686, 1.0000
CMYK	0.00, 0.21, 1.00, 0.71
HSL	47°, 100%, 15%
HSV	47°, 100%, 29%
XYZ	4.4656, 4.6238, 0.6571
YIQ	57.0580, 28.4750, -14.9570

Conversions

Conversions Part 2

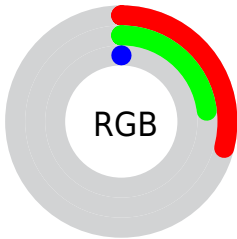
Format	Color
R_{YB}	20, 75, 0
Decimal	4930304
CIE Lab	25.63, 0.96, 34.80
CIE LCh	26, 34.812, 88.421
Yxy	4.6238, 0.4582, 0.4744
Android (android.graphics.Color)	4283120384 (0xFF4B3B00)
YUV	57.0580, -28.1296, 15.7351
Hunter-Lab	21.5030, -0.5604, 13.2402

Details

The Hex color **4B3B00** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **00104B**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **7F6A30**, and **1A1100** is the 20% darker color. If you saturate the color by 10%, you get **4B3B00**, and if you desaturate by 10%, it is **4B3D07**.

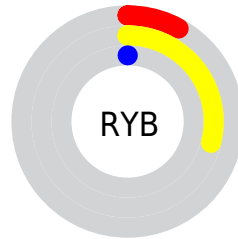
Distribution



Red (29%)

Green (23%)

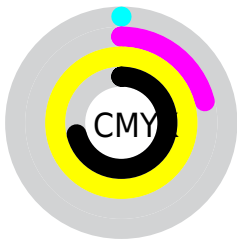
Blue (0%)



Red (8%)

Yellow (29%)

Blue (0%)

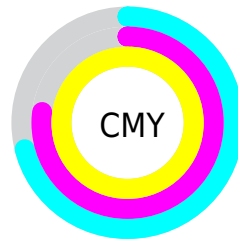


Cyan (0%)

Magenta (21%)

Yellow (100%)

Black (71%)



Cyan (71%)

Magenta (77%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B3B00 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 4B3B00 by changing the saturation by 10% instead.

 4B3B00

 4B3B00

 FFFFE7

 332600

 7F6A30

 1A1100

 9A8348

 000000

 B69D61

 D2B87A

 EFD394

 FFF0AF

 FFFFCB

 4B3B00

■ 4B3D07

■ 4B3E0F

■ 4B4017

■ 4B411E

■ 4B4326

■ 4B452D

■ 4B4635

■ 4B483C

■ 4B4944

Harmonies

Analogous

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



5F310F



4B3B00



314208

Triad

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



4B3B00



004955



5B2A59

Complementary

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



4B3B00



00104B

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.



3A366B



4B3B00



004669

Square

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



4B3B00



00493A



004072



6A233F

Rectangle

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



4B3B00



1A4617



004072



522E60

Sweetspot

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



4B3B00



615B44



4B0010



302D1F



B0B0B0



303030

Same Dimension

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



4B3B00



614C00



364B00



262522



665000



E6B500

Inverse Universe

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



00104B



001561



15004B



222326



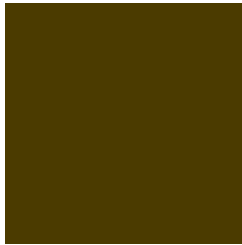
001666



0031E6

Previews

White Background



This preview shows how the Hex color 4B3B00 looks on a white background.

Color Contrast Check

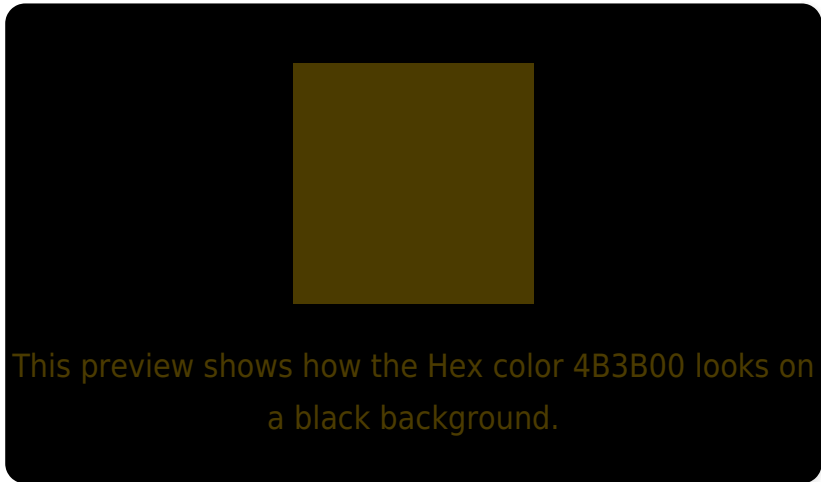
Large Text (above 18pt) WCAG AA ✓ Pass

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

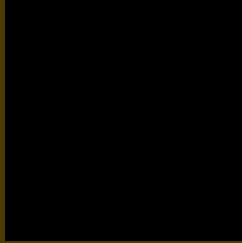
Any Text WCAG AA × Fail

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 4B3B00 Background



This preview shows how black text looks on a background with the Hex color 4B3B00.



This preview shows how white text looks on a background with the Hex color 4B3B00.

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
4B3B00

Protanopia
453D04

Deuteranopia
4D3A04



Tritanopia
4E373B

Trichromacy



Original Color
4B3B00

Protanomaly
473C03

Deuteranomaly
4C3A03

Tritanomaly
4D3826

Monochromacy



Original Color
4B3B00

Achromatopsia
393939

Achromatomaly
403A24

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B3B00 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 #4B3B00 looks like.

```
.text, #text, p{  
    color:#4B3B00  
}
```

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 #4B3B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B3B00
}
```

Border

The CSS property to change the border of an element to Hex 4B3B00 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
#4B3B00 }
```

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

```
.border{ border-color:#4B3B00 }
```

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

Here you see how a box with a 4 pixel #4B3B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B3B00; -webkit-box-shadow:4px 4px  
4px 4px #4B3B00; box-shadow:4px 4px 4px  
4px #4B3B00 }
```

Background

The CSS property to change the background color of an element to Hex 4B3B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B3B00 }
```

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

```
.background{ background-color:#4B3B00 }
```

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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