

Converting Colors

Hex(4B4C01)

Have a look what the booklet for
Hex(4B4C01) contains.

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Color

Hex(4B4C01)

Conversions

Conversions Part 1

Format	Color
Hex	4B4C01
RGB	75, 76, 1
RGB Percent	29%, 30%, 0%
CMY	0.7059, 0.7020, 0.9961
CMYK	0.01, 0.00, 0.99, 0.70
HSL	61°, 97%, 15%
HSV	61°, 99%, 30%
XYZ	5.4916, 6.6669, 1.0261
YIQ	67.1510, 23.4790, -23.5370

Conversions

Conversions Part 2

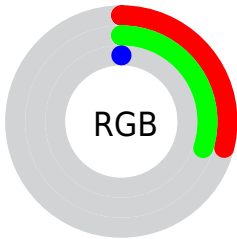
Format	Color
R_{YB}	1, 76, 2
Decimal	4934657
CIE Lab	31.04, -9.45, 38.85
CIE LCh	31, 39.984, 103.666
Yxy	6.6669, 0.4165, 0.5057
Android (android.graphics.Color)	4283124737 (0xFF4B4C01)
YUV	67.1510, -32.6124, 6.8836
Hunter-Lab	25.8204, -7.2217, 15.7180

Details

The Hex color **4B4C01** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **02014C**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **7F7D34**, and **1B2000** is the 20% darker color. If you saturate the color by 10%, you get **4B4C00**, and if you desaturate by 10%, it is **4B4C09**.

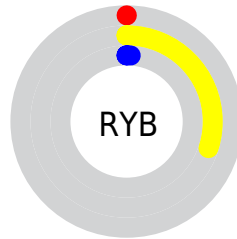
Distribution



Red (29%)

Green (30%)

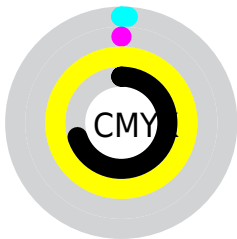
Blue (0%)



Red (0%)

Yellow (30%)

Blue (1%)

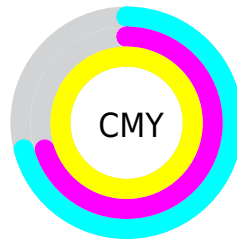


Cyan (1%)

Magenta (0%)

Yellow (99%)

Black (70%)



Cyan (71%)

Magenta (70%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B4C01 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 4B4C01 by changing the saturation by 10% instead.

 4B4C01

 4B4C01

 FFFFEE

 333500

 7F7D34

 1B2000

 99964D

 000700

 B5B166

 000000

 D1CC80

 EEE99A

 FFFFB5

 FFFFD1

 4B4C01

 4B4C01

■ 4B4C00

■ 4B4C09

■ 4B4C10

■ 4B4C18

■ 4B4C1F

■ 4C4C27

■ 4C4C2F

■ 4C4C36

■ 4C4C3E

■ 4C4C45

Harmonies

Analogous

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



664106



4B4C01



275318

Triad

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



4B4C01



005674



782D5B

Complementary

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



4B4C01



02014C

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.



5D3A77



4B4C01



005185

Square

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



4B4C01



005857



224886



812A3C

Rectangle

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



4B4C01



00562C



224886



713165

Sweetspot

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



4B4C01



636346



4C0101



333321



B3B3B3



333333

Same Dimension

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



4B4C01



626300



274C01



262622



656600



E2E600

Inverse Universe

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



02014C



010063



27014C



222226



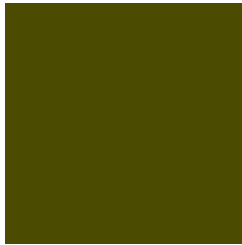
010066



0300E6

Previews

White Background



This preview shows how the Hex color 4B4C01 looks on a white background.

Color Contrast Check

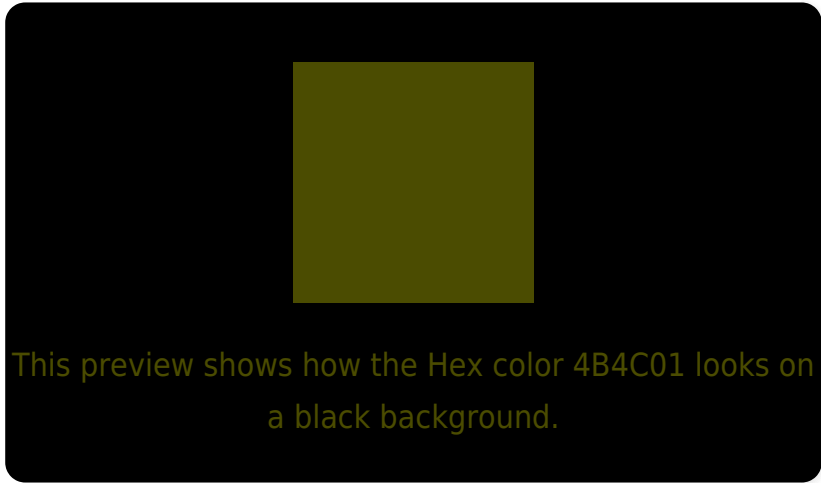
Large Text (above 18pt) WCAG AA ✓ Pass

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

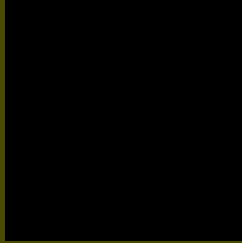
Any Text WCAG AA × Fail

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 4B4C01 Background



This preview shows how black text looks on a background with the Hex color 4B4C01.



This preview shows how white text looks on a background with the Hex color 4B4C01.

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
4B4C01

Protanopia
534900

Deuteranopia
5C450C



Tritanopia
50474C

Trichromacy



Original Color
4B4C01

Protanomaly
504A00

Deuteranomaly
564808

Tritanomaly
4E4931

Monochromacy



Original Color
4B4C01

Achromatopsia
434343

Achromatomaly
46462B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B4C01 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 #4B4C01 looks like.

```
.text, #text, p{  
    color:#4B4C01  
}
```

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 #4B4C01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B4C01
}
```

Border

The CSS property to change the border of an element to Hex 4B4C01 is called "border". The border property can be set on classes, ids or directly on the HTML element.

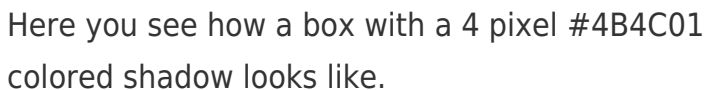
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B4C01 }
```

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

```
.border{ border-color:#4B4C01 }
```

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



Here you see how a box with a 4 pixel #4B4C01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B4C01; -webkit-box-shadow:4px 4px  
4px 4px #4B4C01; box-shadow:4px 4px 4px  
4px #4B4C01 }
```

Background

The CSS property to change the background color of an element to Hex 4B4C01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B4C01 }
```

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

```
.background{ background-color:#4B4C01 }
```

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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