

# Converting Colors

Hex(4B2B04)

Have a look what the booklet for  
Hex(4B2B04) contains.

<b>Hex(4B2B04)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(4B2B04)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4B2B04
RGB	75, 43, 4
RGB Percent	29%, 17%, 2%
CMY	0.7059, 0.8314, 0.9843
CMYK	0.00, 0.43, 0.95, 0.71
HSL	33°, 90%, 15%
HSV	33°, 95%, 29%
XYZ	3.7874, 3.2324, 0.5392
YIQ	48.1220, 31.5910, -5.3450

# Conversions

## Conversions Part 2

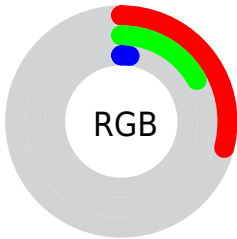
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">62, 75, 4</a>
Decimal	<a href="#">4926212</a>
CIELab	<a href="#">20.95, 11.51, 28.41</a>
CIELCh	<a href="#">21, 30.653, 67.951</a>
Yxy	<a href="#">3.2324, 0.5011, 0.4276</a>
Android (android.graphics.Color)	<a href="#">4283116292 (0xFF4B2B04)</a>
YUV	<a href="#">48.1220, -21.7521, 23.5720</a>
Hunter-Lab	<a href="#">17.9788, 6.1402, 10.8072</a>

# Details

The Hex color **4B2B04** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **04244B**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **7F5932**, and **1B0000** is the 20% darker color. If you saturate the color by 10%, you get **4B2900**, and if you desaturate by 10%, it is **4B2E0C**.

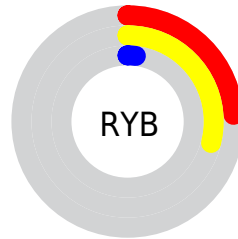
# Distribution



Red (29%)

Green (17%)

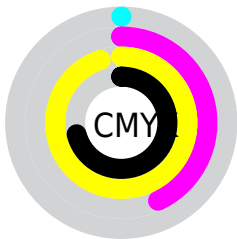
Blue (2%)



Red (24%)

Yellow (29%)

Blue (2%)

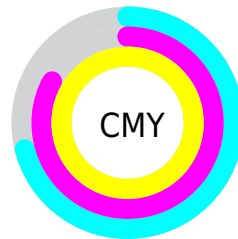


Cyan (0%)

Magenta (43%)

Yellow (95%)

Black (71%)



Cyan (71%)

Magenta (83%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B2B04 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 4B2B04 by changing the saturation by 10% instead.



 4B2B04

 4B2B04

 FFFFE7

 321600

 7F5932

 1B0000

 9B7149

 000000

 B68B61

 D3A57B

 F0C095

 FFDCAF

 FFF8CB

 4B2B04

 4B2B04

■ 4B2900

■ 4B2E0C

■ 4B3213

■ 4B351A

■ 4B3922

■ 4B3C29

■ 4B3F31

■ 4B4339

■ 4B4640

■ 4B4948

# Harmonies

## Analogous

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



572218



4B2B04



383300

# Triad

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



4B2B04



003D38



3B2A56

# Complementary

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



4B2B04



04244B

# 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.



05335F



4B2B04



003C4E

# Square

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



4B2B04



003C20



00395C



522044

# Rectangle

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



4B2B04



293705



00395C



2F2D5A



# Sweetspot

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



4B2B04



615546



4B0425



302920



B0B0B0



303030



# Same Dimension

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



4B2B04



613500



494B04



262522



663800



E67E00



# Inverse Universe

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



04244B



002C61



06044B



222426



002E66

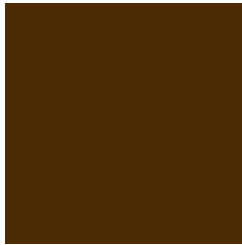


0067E6



# Previews

## White Background



This preview shows how the Hex color 4B2B04 looks on a white background.

## Color Contrast Check

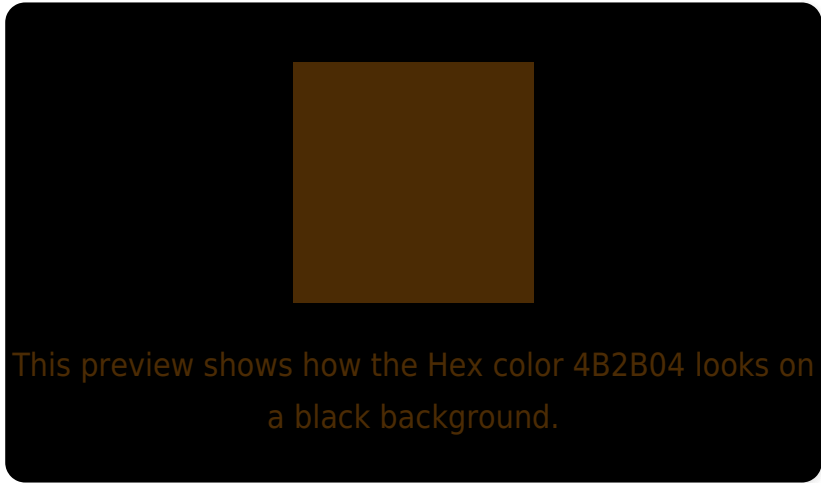
Large Text (above 18pt) WCAG AA ✓ Pass

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

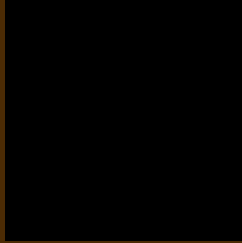
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4B2B04 Background



This preview shows how black text looks on a background with the Hex color 4B2B04.



This preview shows how white text looks on a background with the Hex color 4B2B04.

# 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**  
4B2B04

**Protanopia**  
3A3307

**Deuteranopia**  
413000



**Tritanopia**  
4D282B

# Trichromacy



**Original Color**  
4B2B04

**Protanomaly**  
403006

**Deuteranomaly**  
452E01

**Tritanomaly**  
4C291D

# Monochromacy



**Original Color**  
4B2B04

**Achromatopsia**  
303030

**Achromatomaly**  
3A2E20

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B2B04 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 #4B2B04 looks like.

```
.text, #text, p{  
    color:#4B2B04  
}
```

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 #4B2B04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B2B04
}
```

## Border

The CSS property to change the border of an element to Hex 4B2B04 is called "border". The border property can be set on classes, ids or directly on the HTML element.

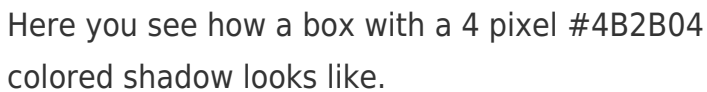
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B2B04 }
```

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

```
.border{ border-color:#4B2B04 }
```

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



Here you see how a box with a 4 pixel #4B2B04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B2B04; -webkit-box-shadow:4px 4px  
4px 4px #4B2B04; box-shadow:4px 4px 4px  
4px #4B2B04 }
```

# Background

The CSS property to change the background color of an element to Hex 4B2B04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B2B04 }
```

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

```
.background{ background-color:#4B2B04 }
```

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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