

# Converting Colors

Hex(4B302A)

Have a look what the booklet for  
Hex(4B302A) contains.

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# Color

**Hex(4B302A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4B302A
RGB	75, 48, 42
RGB Percent	29%, 19%, 16%
CMY	0.7059, 0.8118, 0.8353
CMYK	0.00, 0.36, 0.44, 0.71
HSL	11°, 28%, 23%
HSV	11°, 44%, 29%
XYZ	4.3765, 3.7769, 2.6888
YIQ	55.3890, 18.0180, 3.8580

# Conversions

## Conversions Part 2

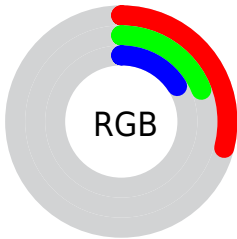
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 49, 42
Decimal	4927530
CIE Lab	22.92, 11.45, 8.86
CIE LCh	23, 14.482, 37.728
Yxy	3.7769, 0.4037, 0.3484
Android (android.graphics.Color)	4283117610 (0xFF4B302A)
YUV	55.3890, -6.6008, 17.1988
Hunter-Lab	19.4343, 6.1873, 5.4009

# Details

The Hex color **4B302A** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2A454B**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **7D5E57**, and **1F0100** is the 20% darker color. If you saturate the color by 10%, you get **4B2A23**, and if you desaturate by 10%, it is **4B3631**.

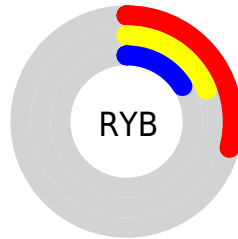
# Distribution



Red (29%)

Green (19%)

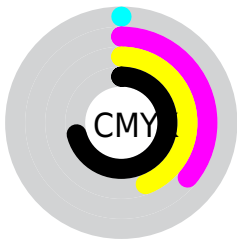
Blue (16%)



Red (29%)

Yellow (19%)

Blue (16%)

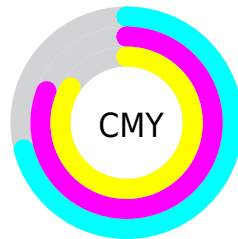


Cyan (0%)

Magenta (36%)

Yellow (44%)

Black (71%)



Cyan (71%)

Magenta (81%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B302A 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 4B302A by changing the saturation by 10% instead.



■ 4B302A

■ 4B302A

FFFFFF

■ 331B16

■ 7D5E57

■ 1F0100

■ 977770

■ 000000

■ B29189

■ CEABA3

■ EBC7BE

■ FFE3DA

■ FFFFF7

■ 4B302A

■ 4B302A

■ 4B2A23

■ 4B3631

■ 4B241B

■ 4B3C39

■ 4B1E14

■ 4B4241

■ 4B170C

■ 4B4948

■ 4B1105

■ 4B4F50

■ 4B0E00

■ 4B5557

■ 4B5B5F

■ 4B6166

■ 4B676E

# Harmonies

## Analogous

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



4C2F34



4B302A



453323

# Triad

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



4B302A



233C2E



2C374C

# Complementary

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



4B302A



2A454B

# 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.



1C3A4A



4B302A



173D39

# Square

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



4B302A



303A25



133C44



3C3348

# Rectangle

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



4B302A



3F3621



133C44



27384C



# Sweetspot

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



4B302A



615754



4B2A46



302A29



B0B0B0



303030



# Same Dimension

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



4B302A



61372E



4B402A



262322



661300



E62A00



# Inverse Universe

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



2A454B



2E5861



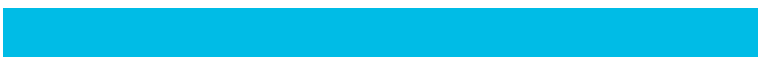
2A354B



222626



005366



00BCE6



# Previews

## White Background



This preview shows how the Hex color 4B302A looks on a white background.

## Color Contrast Check

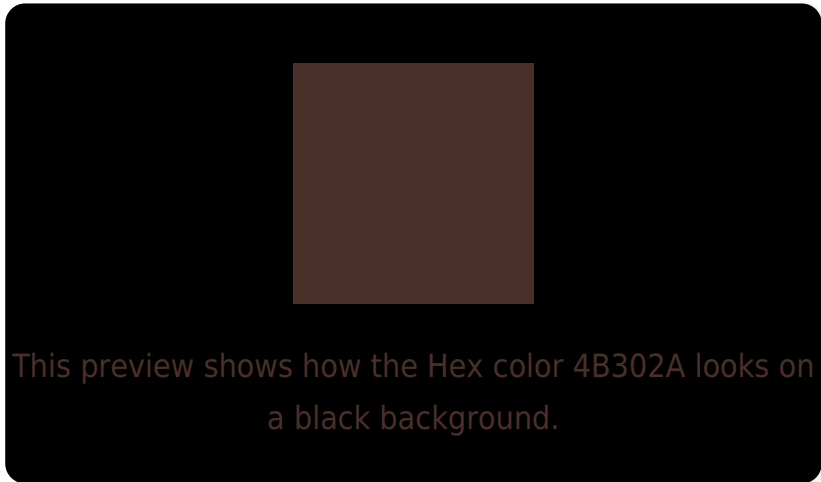
Large Text (above 18pt) WCAG AA ✓ Pass

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

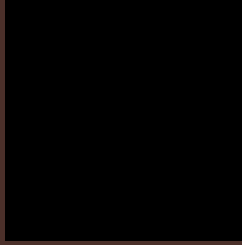
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4B302A Background



This preview shows how black text looks on a background with the Hex color 4B302A.

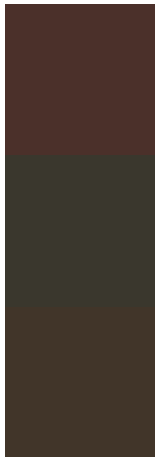


This preview shows how white text looks on a background with the Hex color 4B302A.

# 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**  
4B302A

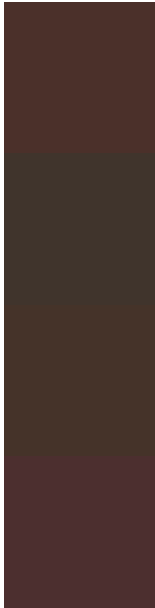
**Protanopia**  
3A372D

**Deuteranopia**  
413529



**Tritanopia**  
4C2F32

# Trichromacy



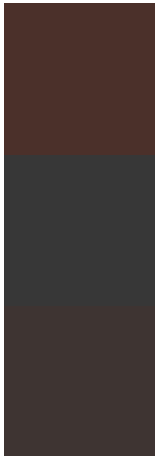
**Original Color**  
4B302A

**Protanomaly**  
40342C

**Deuteranomaly**  
453329

**Tritanomaly**  
4C2F2F

# Monochromacy



**Original Color**  
4B302A

**Achromatopsia**  
373737

**Achromatomaly**  
3E3432

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B302A 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 #4B302A looks like.

```
.text, #text, p{  
    color:#4B302A  
}
```

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 #4B302A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B302A
}
```

## Border

The CSS property to change the border of an element to Hex 4B302A is called "border". The border property can be set on classes, ids or directly on the HTML element.

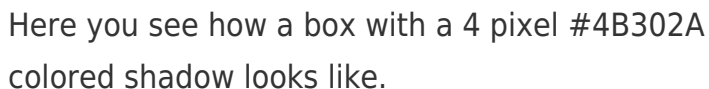
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B302A }
```

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

```
.border{ border-color:#4B302A }
```

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



Here you see how a box with a 4 pixel #4B302A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B302A; -webkit-box-shadow:4px 4px  
4px 4px #4B302A; box-shadow:4px 4px 4px  
4px #4B302A }
```

# Background

The CSS property to change the background color of an element to Hex 4B302A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B302A }
```

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

```
.background{ background-color:#4B302A }
```

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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