

Converting Colors

Hex(4B2B18)

Have a look what the booklet for
Hex(4B2B18) contains.

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Color

Hex(4B2B18)

Conversions

Conversions Part 1

Format	Color
Hex	4B2B18
RGB	75, 43, 24
RGB Percent	29%, 17%, 9%
CMY	0.7059, 0.8314, 0.9059
CMYK	0.00, 0.43, 0.68, 0.71
HSL	22°, 52%, 19%
HSV	22°, 68%, 29%
XYZ	3.9304, 3.2896, 1.2919
YIQ	50.4020, 25.1710, 0.8750

Conversions

Conversions Part 2

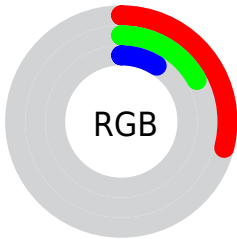
Format	Color
R_{YB}	75, 54, 24
Decimal	4926232
CIE Lab	21.17, 12.70, 18.47
CIE LCh	21, 22.409, 55.491
Yxy	3.2896, 0.4618, 0.3865
Android (android.graphics.Color)	4283116312 (0xFF4B2B18)
YUV	50.4020, -13.0162, 21.5724
Hunter-Lab	18.1371, 6.9417, 8.4726

Details

The Hex color **4B2B18** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **18384B**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **7E5943**, and **1D0000** is the 20% darker color. If you saturate the color by 10%, you get **4B2610**, and if you desaturate by 10%, it is **4B3020**.

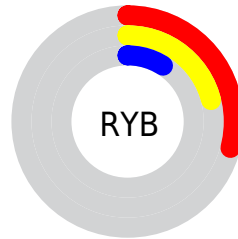
Distribution



Red (29%)

Green (17%)

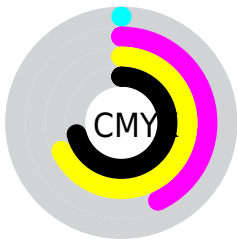
Blue (9%)



Red (29%)

Yellow (21%)

Blue (9%)

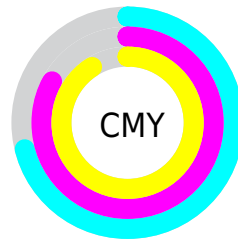


Cyan (0%)

Magenta (43%)

Yellow (68%)

Black (71%)



Cyan (71%)

Magenta (83%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B2B18 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 4B2B18 by changing the saturation by 10% instead.



4B2B18



4B2B18

FFFFFFC



341600



7E5943



1D0000



99715B



000000



B58B74



D1A58D



EEC0A8



FFDCC3



FFF9DF



4B2B18



4B2B18

■ 4B2610

■ 4B3020

■ 4B2209

■ 4B3427

■ 4B1D02

■ 4B392F

■ 4B1C00

■ 4B3E36

■ 4B433E

■ 4B4745

■ 4B4C4D

■ 4B5154

■ 4B555C

Harmonies

Analogous

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



512626



4B2B18



3F3111

Triad

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



4B2B18



003B30



303051

Complementary

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



4B2B18



18384B

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.



0C3554



4B2B18



003B41

Square

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



4B2B18



1A391F



00394E



452946

Rectangle

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



4B2B18



343512



00394E



273253

Sweetspot

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



4B2B18



61554E



4B1838



302925



B0B0B0



303030

Same Dimension

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



4B2B18



612F11



4B4418



262422



662600



E65600

Inverse Universe

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



18384B



114361



181F4B



222526



004066



0090E6

Previews

White Background



This preview shows how the Hex color 4B2B18 looks on a white background.

Color Contrast Check

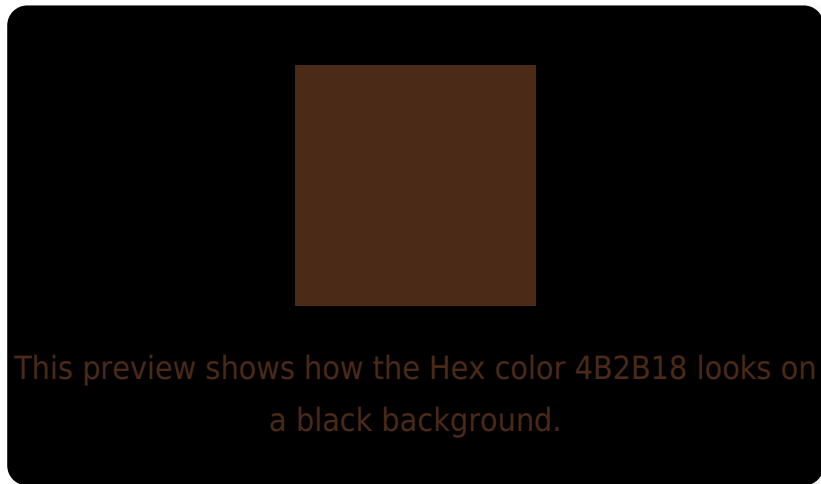
Large Text (above 18pt) WCAG AA ✓ Pass

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

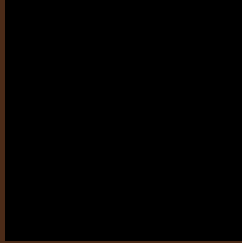
Any Text WCAG AA × Fail

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 4B2B18 Background



This preview shows how black text looks on a background with the Hex color 4B2B18.

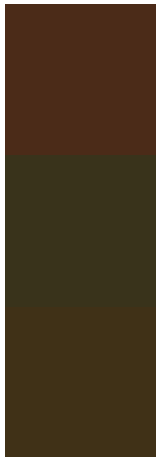


This preview shows how white text looks on a background with the Hex color 4B2B18.

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
4B2B18

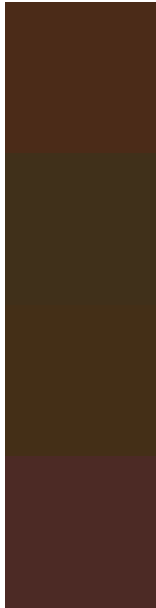
Protanopia
39331B

Deuteranopia
403117



Tritanopia
4C292C

Trichromacy



Original Color
4B2B18

Protanomaly
40301A

Deuteranomaly
442F17

Tritanomaly
4C2A25

Monochromacy



Original Color
4B2B18

Achromatopsia
323232

Achromatomaly
3B2F29

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B2B18 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 #4B2B18 looks like.

```
.text, #text, p{  
    color:#4B2B18  
}
```

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 #4B2B18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B2B18  
}
```

Border

The CSS property to change the border of an element to Hex 4B2B18 is called "border". The border property can be set on classes, ids or directly on the HTML element.

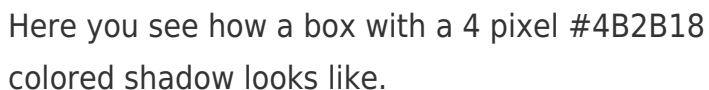
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4B2B18 }
```

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

```
.border{ border-color:#4B2B18 }
```

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



Here you see how a box with a 4 pixel #4B2B18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B2B18; -webkit-box-shadow:4px 4px  
4px 4px #4B2B18; box-shadow:4px 4px 4px  
4px #4B2B18 }
```

Background

The CSS property to change the background color of an element to Hex 4B2B18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B2B18 }
```

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

```
.background{ background-color:#4B2B18 }
```

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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