

Converting Colors

Hex(4B5A2A)

Have a look what the booklet for
Hex(4B5A2A) contains.

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Color

Hex(4B5A2A)

Conversions

Conversions Part 1

Format	Color
Hex	4B5A2A
RGB	75, 90, 42
RGB Percent	29%, 35%, 16%
CMY	0.7059, 0.6471, 0.8353
CMYK	0.17, 0.00, 0.53, 0.65
HSL	79°, 36%, 26%
HSV	79°, 53%, 35%
XYZ	6.9757, 8.9754, 3.5552
YIQ	80.0430, 6.4680, -18.1080

Conversions

Conversions Part 2

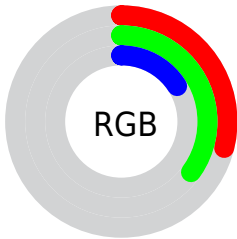
Format	Color
RYB	42, 90, 57
Decimal	4938282
CIELab	35.94, -14.52, 25.62
CIELCh	36, 29.452, 119.548
Yxy	8.9754, 0.3576, 0.4601
Android (android.graphics.Color)	4283128362 (0xFF4B5A2A)
YUV	80.0430, -18.7552, -4.4227
Hunter-Lab	29.9589, -10.8655, 13.9352

Details

The Hex color **4B5A2A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **392A5A**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **7D8C59**, and **1E2C00** is the 20% darker color. If you saturate the color by 10%, you get **485A21**, and if you desaturate by 10%, it is **4E5A33**.

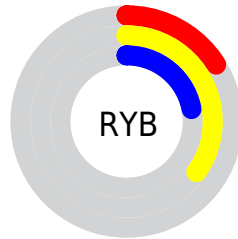
Distribution



Red (29%)

Green (35%)

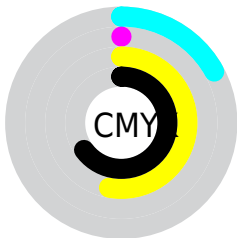
Blue (16%)



Red (16%)

Yellow (35%)

Blue (22%)

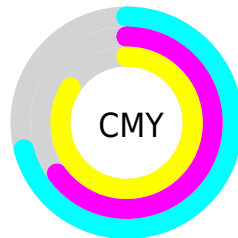


Cyan (17%)

Magenta (0%)

Yellow (53%)

Black (65%)



Cyan (71%)

Magenta (65%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B5A2A 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 4B5A2A by changing the saturation by 10% instead.



4B5A2A



4B5A2A

FFFFFF



334314



7D8C59



1E2C00



97A672



001900



B2C28B



000000



CEDEA6



EAFAC1



FFFFDD



FFFFFFA



4B5A2A



4B5A2A

■ 485A21

■ 4E5A33

■ 455A18

■ 515A3C

■ 435A0F

■ 535A45

■ 405A06

■ 565A4E

■ 3E5A00

■ 595A57

■ 5C5A60

■ 5F5A69

■ 625A72

■ 645A7B

Harmonies

Analogous

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



635324



4B5A2A



2D5E3C

Triad

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



4B5A2A



005D7D



7F4156

Complementary

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



4B5A2A



392A5A

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.



71466D



4B5A2A



2A5783

Square

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



4B5A2A



00606B



564E7E



80433F

Rectangle

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



4B5A2A



0D604B



564E7E



7C425E

Sweetspot

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



4B5A2A



6F7563



5A382A



373B30



BABABA



3B3B3B

Same Dimension

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



4B5A2A



5E752A



345A2A



2C2E29



4B6E00



A3ED00

Inverse Universe

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



392A5A



422A75



502A5A



2B292E



22006E



4A00ED

Previews

White Background



This preview shows how the Hex color 4B5A2A looks on a white background.

Color Contrast Check

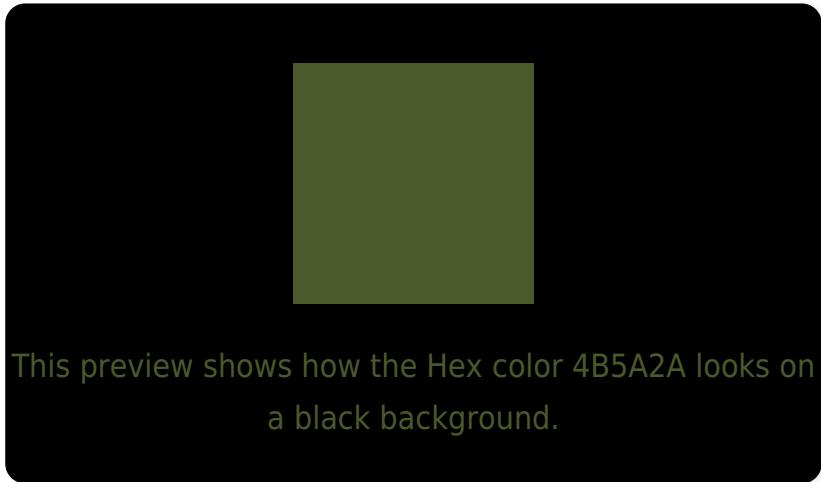
Large Text (above 18pt) WCAG AA ✓ Pass

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

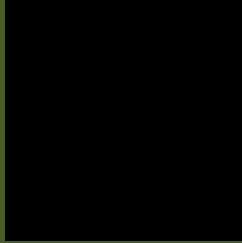
Any Text WCAG AA × Fail

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 4B5A2A Background



This preview shows how black text looks on a background with the Hex color 4B5A2A.



This preview shows how white text looks on a background with the Hex color 4B5A2A.

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
4B5A2A

Protanopia
5D5528

Deuteranopia
67502C



Tritanopia
51555B

Trichromacy



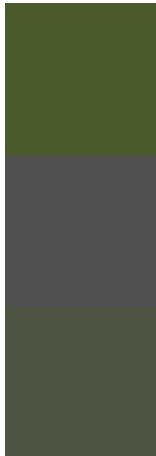
Original Color
4B5A2A

Protanomaly
565729

Deuteranomaly
5D542B

Tritanomaly
4F5749

Monochromacy



Original Color
4B5A2A

Achromatopsia
505050

Achromatomaly
4E5442

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B5A2A 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 #4B5A2A looks like.

```
.text, #text, p{  
    color:#4B5A2A  
}
```

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 #4B5A2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B5A2A
}
```

Border

The CSS property to change the border of an element to Hex 4B5A2A 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
#4B5A2A }
```

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

```
.border{ border-color:#4B5A2A }
```

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

Here you see how a box with a 4 pixel #4B5A2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B5A2A; -webkit-box-shadow:4px 4px  
4px 4px #4B5A2A; box-shadow:4px 4px 4px  
4px #4B5A2A }
```

Background

The CSS property to change the background color of an element to Hex 4B5A2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B5A2A }
```

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

```
.background{ background-color:#4B5A2A }
```

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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