

# Converting Colors

Hex(4B4924)

Have a look what the booklet for  
Hex(4B4924) contains.

<b>Hex(4B4924)</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(4B4924)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4B4924
RGB	75, 73, 36
RGB Percent	29%, 29%, 14%
CMY	0.7059, 0.7137, 0.8588
CMYK	0.00, 0.03, 0.52, 0.71
HSL	57°, 35%, 22%
HSV	57°, 52%, 29%
XYZ	5.6026, 6.3883, 2.6068
YIQ	69.3800, 13.0690, -11.0830

# Conversions

## Conversions Part 2

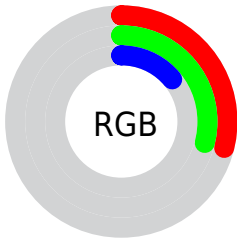
<b>Format</b>	<b>Color</b>
<b>RYB</b>	38, 75, 36
Decimal	4933924
CIELab	30.37, -5.29, 22.31
CIElCh	30, 22.926, 103.335
Yxy	6.3883, 0.3838, 0.4376
Android (android.graphics.Color)	4283124004 (0xFF4B4924)
YUV	69.3800, -16.4563, 4.9287
Hunter-Lab	25.2751, -4.6641, 11.5775

# Details

The Hex color **4B4924** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **24264B**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **7D7952**, and **1E1E00** is the 20% darker color. If you saturate the color by 10%, you get **4B491D**, and if you desaturate by 10%, it is **4B492C**.

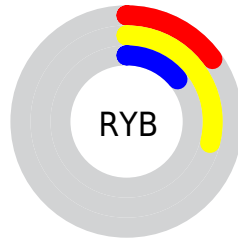
# Distribution



Red (29%)

Green (29%)

Blue (14%)



Red (15%)

Yellow (29%)

Blue (14%)

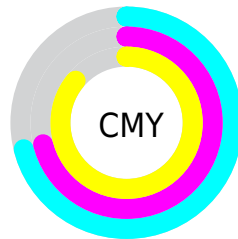


Cyan (0%)

Magenta (3%)

Yellow (52%)

Black (71%)



Cyan (71%)

Magenta (71%)

Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B4924 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 4B4924 by changing the saturation by 10% instead.





4B4924



4B4924

FFFFFF



34330F



7D7952



1E1E00



97936A



000300



B2AE83



000000



CEC99E



EAE5B9



FFFFD4



FFFFF1



4B4924



4B4924

■ 4B491D

■ 4B492C

■ 4B4815

■ 4B4A33

■ 4B480E

■ 4B4A3B

■ 4B4706

■ 4B4B42

■ 4B4700

■ 4B4B4A

■ 4B4B51

■ 4B4C59

■ 4B4C60

■ 4B4C68

# Harmonies

## Analogous

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



5B4325



4B4924



374E2D

# Triad

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



4B4924



00505F



643B52

# Complementary

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



4B4924



24264B

# 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.



534062



4B4924



164C69

# Square

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



4B4924



00514F



3A476A



6A3940

# Rectangle

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



4B4924



285037



3A476A



5F3C58



# Sweetspot

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



4B4924



616051



4B2427



303027



B0B0B0



303030



# Same Dimension

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



4B4924



615E25



3A4B24



262622



666100



E6DA00



# Inverse Universe

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



24264B



252861



35244B



222326



000566



000CE6



# Previews

## White Background



This preview shows how the Hex color 4B4924 looks on a white background.

## Color Contrast Check

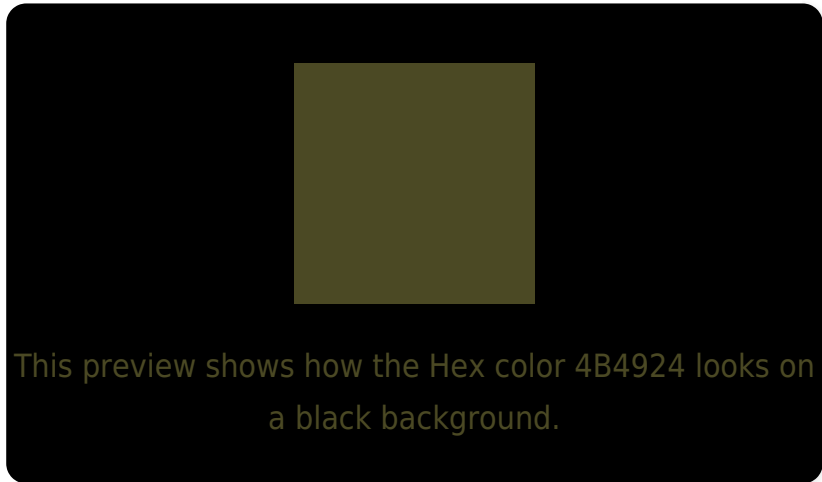
Large Text (above 18pt) WCAG AA ✓ Pass

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

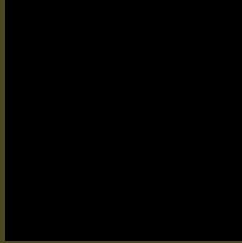
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4B4924 Background



This preview shows how black text looks on a background with the Hex color 4B4924.

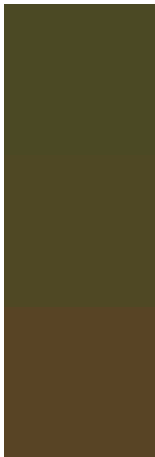


This preview shows how white text looks on a background with the Hex color 4B4924.

# 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**  
4B4924

**Protanopia**  
4F4824

**Deuteranopia**  
584425



**Tritanopia**  
4F454A

# Trichromacy



**Original Color**  
4B4924

**Protanomaly**  
4E4824

**Deuteranomaly**  
534625

**Tritanomaly**  
4E463C

# Monochromacy



**Original Color**  
4B4924

**Achromatopsia**  
454545

**Achromatomaly**  
474639

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B4924 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 #4B4924 looks like.

```
.text, #text, p{  
    color:#4B4924  
}
```

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 #4B4924 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B4924
}
```

## Border

The CSS property to change the border of an element to Hex 4B4924 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".

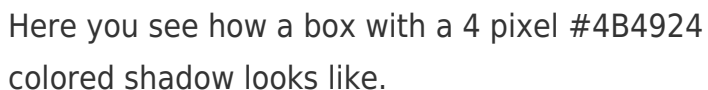
```
.border, #border, table{ border:4px solid
#4B4924 }
```

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

```
.border{ border-color:#4B4924 }
```

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

Here you see how a box with a 4 pixel #4B4924 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B4924; -webkit-box-shadow:4px 4px  
4px 4px #4B4924; box-shadow:4px 4px 4px  
4px #4B4924 }
```

# Background

The CSS property to change the background color of an element to Hex 4B4924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B4924 }
```

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

```
.background{ background-color:#4B4924 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor