

# Converting Colors

Hex(4A3C24)

Have a look what the booklet for  
Hex(4A3C24) contains.

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# Color

Hex(4A3C24)

# Conversions

## Conversions Part 1

Format	Color
Hex	4A3C24
RGB	74, 60, 36
RGB Percent	29%, 24%, 14%
CMY	0.7098, 0.7647, 0.8588
CMYK	0.00, 0.19, 0.51, 0.71
HSL	38°, 35%, 22%
HSV	38°, 51%, 29%
XYZ	4.7583, 4.8149, 2.3477
YIQ	61.4500, 16.0480, -4.4960

# Conversions

## Conversions Part 2

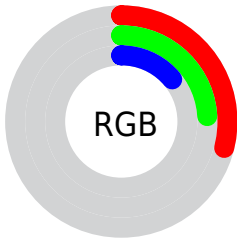
Format	Color
R <sub>Y</sub> B	58, 74, 36
Decimal	4865060
CIE Lab	26.20, 2.38, 17.09
CIE LCh	26, 17.259, 82.079
Yxy	4.8149, 0.3992, 0.4039
Android (android.graphics.Color)	4283055140 (0xFF4A3C24)
YUV	61.4500, -12.5468, 11.0064
Hunter-Lab	21.9430, 0.3076, 9.0167

# Details

The Hex color **4A3C24** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **24324A**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **7C6B51**, and **1D1200** is the 20% darker color. If you saturate the color by 10%, you get **4A391D**, and if you desaturate by 10%, it is **4A3F2B**.

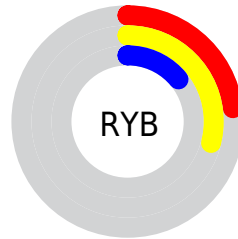
# Distribution



 Red (29%)

 Green (24%)

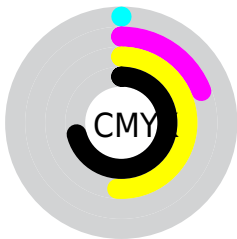
 Blue (14%)



 Red (23%)

 Yellow (29%)

 Blue (14%)

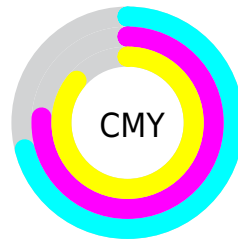


 Cyan (0%)

 Magenta (19%)

 Yellow (51%)

 Black (71%)



 Cyan (71%)

 Magenta (76%)

 Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A3C24 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 4A3C24 by changing the saturation by 10% instead.





4A3C24



4A3C24

FFFFFF



33260F



7C6B51



1D1200



968469



000000



B19E83



CDB99D



E9D5B8



FFF1D3



FFFFF0



4A3C24



4A3C24

■ 4A391D

■ 4A3F2B

■ 4A3715

■ 4A4133

■ 4A340E

■ 4A443A

■ 4A3106

■ 4A4742

■ 4A2F00

■ 4A4A49

■ 4A4C50

■ 4A4F58

■ 4A525F

■ 4A5567

# Harmonies

## Analogous

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



54382A



4A3C24



3D4025

# Triad

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



4A3C24



0F4547



4B374E

# Complementary

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



4A3C24



24324A

# 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.



3B3C56



4A3C24



124352

# Square

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



4A3C24



1D453A



264058



553442

# Rectangle

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



4A3C24



33422A



264058



463952



# Sweetspot

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



4A3C24



615C52



4A2433



302D28



B0B0B0



303030



# Same Dimension

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



4A3C24



614B25



464A24



262522



664000



E69100



# Inverse Universe

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



24324A



253B61



28244A



222426



002666



0055E6



# Previews

## White Background



This preview shows how the Hex color 4A3C24 looks on a white background.

## Color Contrast Check

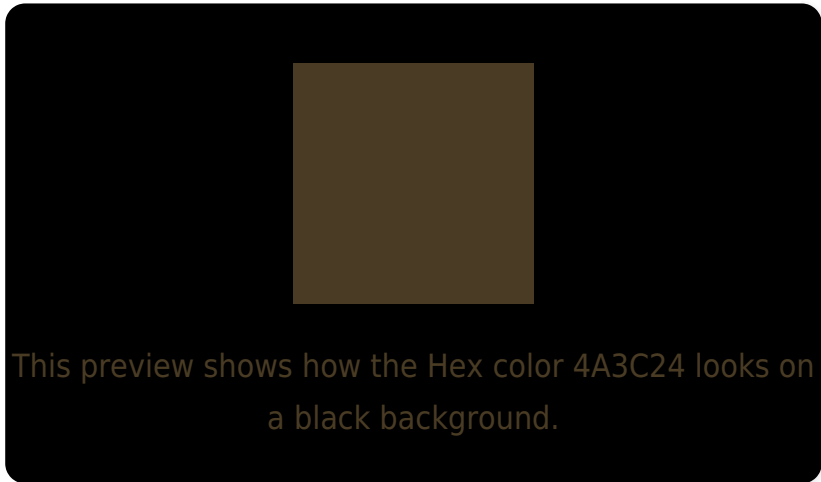
Large Text (above 18pt) WCAG AA ✓ Pass

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

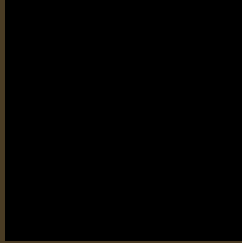
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4A3C24 Background



This preview shows how black text looks on a background with the Hex color 4A3C24.

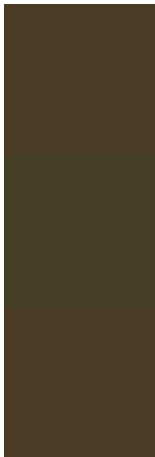


This preview shows how white text looks on a background with the Hex color 4A3C24.

# 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](#).

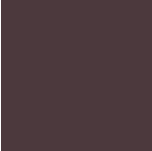
## Dichromacy



**Original Color**  
4A3C24

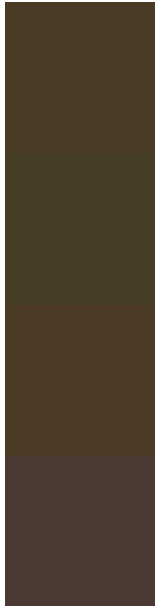
**Protanopia**  
443E25

**Deuteranopia**  
4C3B24



**Tritanopia**  
4C393D

# Trichromacy



**Original Color**

4A3C24

**Protanomaly**

463D25

**Deuteranomaly**

4B3B24

**Tritanomaly**

4B3A34

# Monochromacy



**Original Color**

4A3C24

**Achromatopsia**

3D3D3D

**Achromatomaly**

423D34

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A3C24 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 #4A3C24 looks like.

```
.text, #text, p{  
    color:#4A3C24  
}
```

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 #4A3C24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A3C24
}
```

## Border

The CSS property to change the border of an element to Hex 4A3C24 is called "border". The border property can be set on classes, ids or directly on the HTML element.

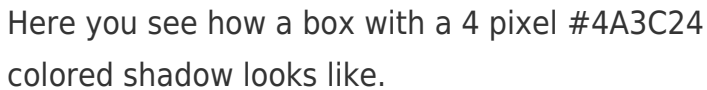
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A3C24 }
```

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

```
.border{ border-color:#4A3C24 }
```

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



Here you see how a box with a 4 pixel #4A3C24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A3C24; -webkit-box-shadow:4px 4px  
4px 4px #4A3C24; box-shadow:4px 4px 4px  
4px #4A3C24 }
```

# Background

The CSS property to change the background color of an element to Hex 4A3C24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A3C24 }
```

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

```
.background{ background-color:#4A3C24 }
```

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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