

# Converting Colors

Hex(49352A)

Have a look what the booklet for  
Hex(49352A) contains.

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**Color**

**Hex(49352A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	49352A
RGB	73, 53, 42
RGB Percent	29%, 21%, 16%
CMY	0.7137, 0.7922, 0.8353
CMYK	0.00, 0.27, 0.42, 0.71
HSL	21°, 27%, 23%
HSV	21°, 42%, 29%
XYZ	4.4387, 4.1298, 2.7537
YIQ	57.7260, 15.4510, 0.8190

# Conversions

## Conversions Part 2

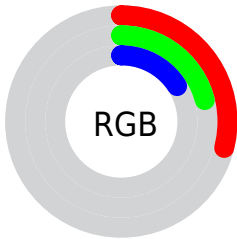
<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 59, 42
Decimal	4797738
CIELab	24.10, 7.23, 10.43
CIELCh	24, 12.686, 55.266
Yxy	4.1298, 0.3920, 0.3648
Android (android.graphics.Color)	4282987818 (0xFF49352A)
YUV	57.7260, -7.7529, 13.3953
Hunter-Lab	20.3220, 3.4239, 6.1915

# Details

The Hex color **49352A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2A3E49**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **7B6457**, and **1E0900** is the 20% darker color. If you saturate the color by 10%, you get **493023**, and if you desaturate by 10%, it is **493A31**.

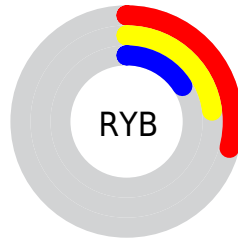
# Distribution



Red (29%)

Green (21%)

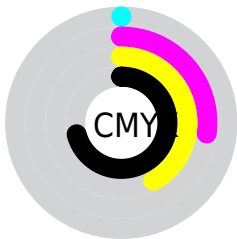
Blue (16%)



Red (29%)

Yellow (23%)

Blue (16%)

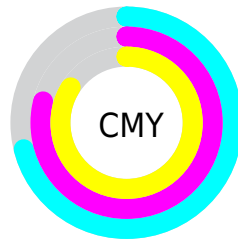


Cyan (0%)

Magenta (27%)

Yellow (42%)

Black (71%)



Cyan (71%)

Magenta (79%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 49352A 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 49352A by changing the saturation by 10% instead.





49352A



49352A

FFFFFF



322016



7B6457



1E0900



957D70



000000



B09689



CBB1A3



E8CDBF



FFE9DA



FFFFF7



49352A



49352A

■ 493023

■ 493A31

■ 492C1B

■ 493E39

■ 492714

■ 494340

■ 49220D

■ 494847

■ 491D05

■ 494D4F

■ 491A00

■ 495156

■ 49565D

■ 495B64

■ 495F6C

# Harmonies

## Analogous

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



4C3332



49352A



423826

# Triad

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



49352A



223F37



39374A

# Complementary

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



49352A



2A3E49

# 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.



2B3B4C



49352A



1C3E41

# Square

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



49352A



2D3D2E



203D49



443444

# Rectangle

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



49352A



3B3A27



203D49



34394C



# Sweetspot

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



49352A



5E5652



492A3E



302B29



B0B0B0



303030



# Same Dimension

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



49352A



5E3F2E



49442A



242120



632300



E35100



# Inverse Universe

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



2A3E49



2E4D5E



2A2F49



202224



004063



0092E3



# Previews

## White Background



This preview shows how the Hex color 49352A looks on a white background.

## Color Contrast Check

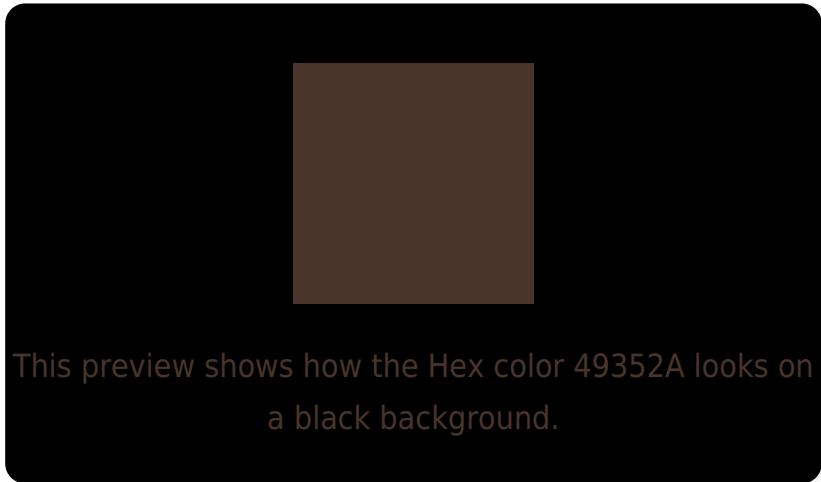
Large Text (above 18pt) WCAG AA ✓ Pass

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

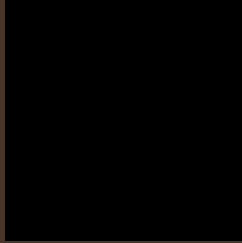
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 49352A Background



This preview shows how black text looks on a background with the Hex color 49352A.

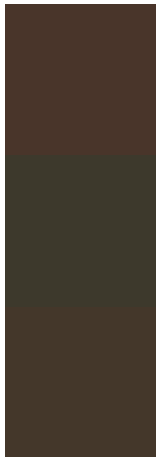


This preview shows how white text looks on a background with the Hex color 49352A.

# 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](#).

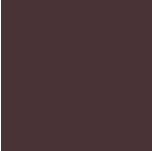
## Dichromacy



**Original Color**  
49352A

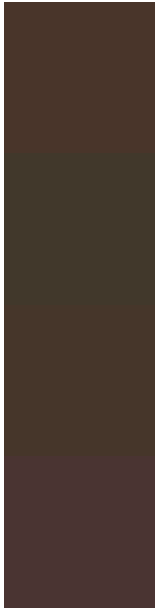
**Protanopia**  
3D392C

**Deuteranopia**  
44372A



**Tritanopia**  
4A3337

# Trichromacy



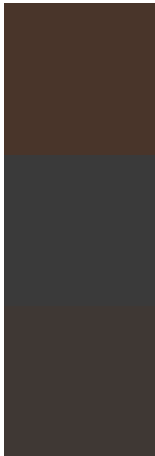
**Original Color**  
49352A

**Protanomaly**  
41382B

**Deuteranomaly**  
46362A

**Tritanomaly**  
4A3432

# Monochromacy



**Original Color**  
49352A

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
3F3834

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 49352A 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 #49352A looks like.

```
.text, #text, p{  
    color:#49352A  
}
```

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 #49352A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49352A
}
```

## Border

The CSS property to change the border of an element to Hex 49352A is called "border". The border property can be set on classes, ids or directly on the HTML element.

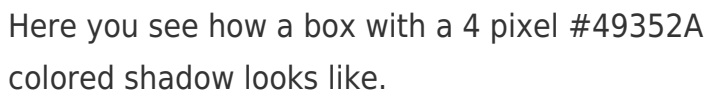
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#49352A }
```

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

```
.border{ border-color:#49352A }
```

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



Here you see how a box with a 4 pixel #49352A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49352A; -webkit-box-shadow:4px 4px  
4px 4px #49352A; box-shadow:4px 4px 4px  
4px #49352A }
```

# Background

The CSS property to change the background color of an element to Hex 49352A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49352A }
```

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

```
.background{ background-color:#49352A }
```

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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