

# Converting Colors

Hex(51402A)

Have a look what the booklet for  
Hex(51402A) contains.

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**Color**

**Hex(51402A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	51402A
RGB	81, 64, 42
RGB Percent	32%, 25%, 16%
CMY	0.6824, 0.7490, 0.8353
CMYK	0.00, 0.21, 0.48, 0.68
HSL	34°, 32%, 24%
HSV	34°, 48%, 32%
XYZ	5.6447, 5.5833, 2.9707
YIQ	66.5750, 17.1940, -3.2380

# Conversions

## Conversions Part 2

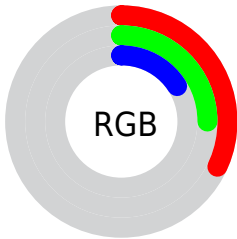
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	72, 81, 42
Decimal	5324842
CIE Lab	28.34, 3.97, 16.23
CIE LCh	28, 16.711, 76.247
Yxy	5.5833, 0.3975, 0.3932
Android (android.graphics.Color)	4283514922 (0xFF51402A)
YUV	66.5750, -12.1155, 12.6507
Hunter-Lab	23.6290, 1.2906, 9.0863

# Details

The Hex color **51402A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2A3B51**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **837058**, and **241600** is the 20% darker color. If you saturate the color by 10%, you get **513C22**, and if you desaturate by 10%, it is **514432**.

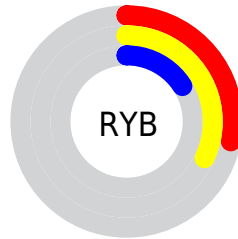
# Distribution



 Red (32%)


 Green (25%)

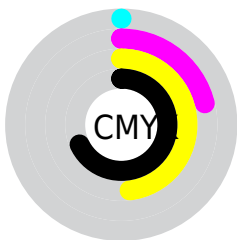
 Blue (16%)



 Red (28%)

 Yellow (32%)

 Blue (16%)

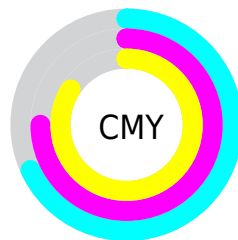


 Cyan (0%)

 Magenta (21%)

 Yellow (48%)

 Black (68%)



 Cyan (68%)

 Magenta (75%)

 Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 51402A 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 51402A by changing the saturation by 10% instead.





51402A



51402A

FFFFFF



392A15



837058



241600



9E8970



000000



B9A38A



D5BEA4



F2DABF



FFF7DB



FFFFF8



51402A



51402A

■ 513C22

■ 514432

■ 51391A

■ 51473A

■ 513512

■ 514B42

■ 51320A

■ 514E4A

■ 512E01

■ 515253

■ 512E00

■ 51555B

■ 515963

■ 515C6B

■ 516073

# Harmonies

## Analogous

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



5A3C31



51402A



45442A

# Triad

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



51402A



1A4A4A



4D3D55

# Complementary

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



51402A



2A3B51

# 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.



3C425B



51402A



194955

# Square

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



51402A



27493C



28465C



583A49

# Rectangle

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



51402A



3B472E



28465C



483F58



# Sweetspot

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



51402A



69625A



512A3C



36322C



B5B5B5



363636



# Same Dimension

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



51402A



694E2C



4F512A



292725



693B00



E88300



# Inverse Universe

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



2A3B51



2C4669



2C2A51



252629



002E69



0065E8



# Previews

## White Background



This preview shows how the Hex color 51402A looks on a white background.

## Color Contrast Check

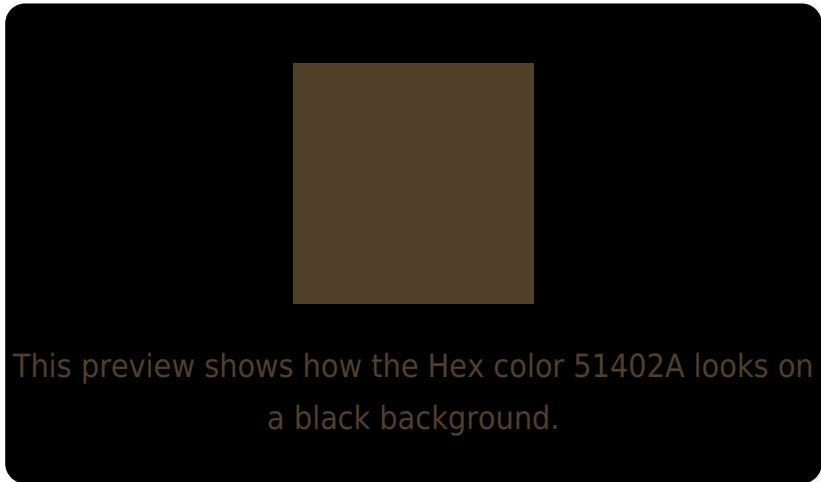
Large Text (above 18pt) WCAG AA ✓ Pass

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

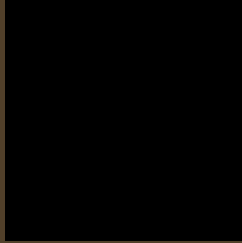
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 51402A Background



This preview shows how black text looks on a background with the Hex color 51402A.

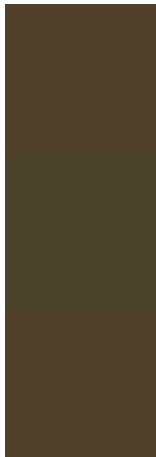


This preview shows how white text looks on a background with the Hex color 51402A.

# 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**  
51402A

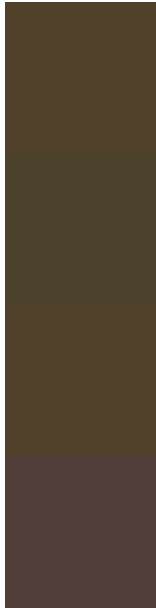
**Protanopia**  
49432B

**Deuteranopia**  
51402A



**Tritanopia**  
533D42

# Trichromacy



**Original Color**  
51402A

**Protanomaly**  
4C422B

**Deuteranomaly**  
51402A

**Tritanomaly**  
523E39

# Monochromacy



**Original Color**  
51402A

**Achromatopsia**  
434343

**Achromatomaly**  
48423A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 51402A 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 #51402A looks like.

```
.text, #text, p{  
    color:#51402A  
}
```

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 #51402A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51402A
}
```

## Border

The CSS property to change the border of an element to Hex 51402A is called "border". The border property can be set on classes, ids or directly on the HTML element.

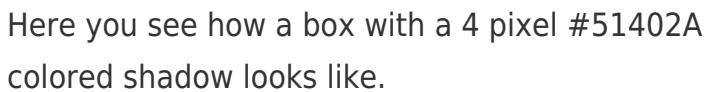
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#51402A }
```

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

```
.border{ border-color:#51402A }
```

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



Here you see how a box with a 4 pixel #51402A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51402A; -webkit-box-shadow:4px 4px  
4px 4px #51402A; box-shadow:4px 4px 4px  
4px #51402A }
```

# Background

The CSS property to change the background color of an element to Hex 51402A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51402A }
```

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

```
.background{ background-color:#51402A }
```

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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