

Converting Colors

Hex(59402B)

Have a look what the booklet for
Hex(59402B) contains.

Hex(59402B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(59402B)

Conversions

Conversions Part 1

Format	Color
Hex	59402B
RGB	89, 64, 43
RGB Percent	35%, 25%, 17%
CMY	0.6510, 0.7490, 0.8314
CMYK	0.00, 0.28, 0.52, 0.65
HSL	27°, 35%, 26%
HSV	27°, 52%, 35%
XYZ	6.3893, 5.9651, 3.1001
YIQ	69.0810, 21.6410, -1.2310

Conversions

Conversions Part 2

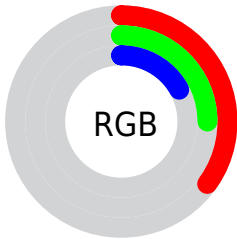
Format	Color
RYB	89, 82, 43
Decimal	5849131
CIELab	29.32, 7.94, 17.07
CIELCh	29, 18.829, 65.063
Yxy	5.9651, 0.4134, 0.3860
Android (android.graphics.Color)	4284039211 (0xFF59402B)
YUV	69.0810, -12.8579, 17.4690
Hunter-Lab	24.4235, 3.9552, 9.5706

Details

The Hex color **59402B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2B4459**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **8C7059**, and **2A1500** is the 20% darker color. If you saturate the color by 10%, you get **593B22**, and if you desaturate by 10%, it is **594534**.

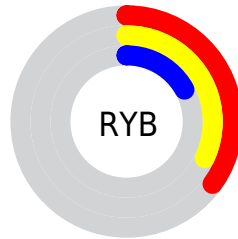
Distribution



Red (35%)

Green (25%)

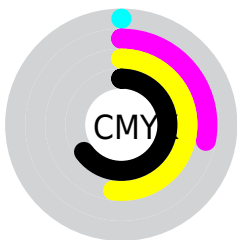
Blue (17%)



Red (35%)

Yellow (32%)

Blue (17%)

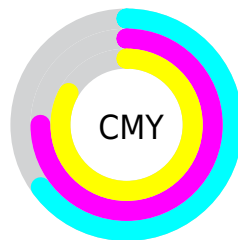


Cyan (0%)

Magenta (28%)

Yellow (52%)

Black (65%)



Cyan (65%)

Magenta (75%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59402B 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 59402B by changing the saturation by 10% instead.

 59402B

 59402B

FFFFFF

 412A16

 8C7059

 2A1500

 A78971

 0D0000

 C3A38B

 000000

 DFBEA5

 FCDAC0

 FFF7DC

 FFFFF9

 59402B

 59402B

■ 593B22

■ 594534

■ 593619

■ 594A3D

■ 593110

■ 594F46

■ 592D07

■ 59534F

■ 592900

■ 595858

■ 595D60

■ 596269

■ 596772

■ 596C7B

Harmonies

Analogous

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



613C35



59402B



4C4528

Triad

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



59402B



194D47



4A405D

Complementary

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



59402B



2B4459

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.



354662



59402B



0D4C55

Square

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



59402B



2B4C38



1D4A5F



5A3C52

Rectangle

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



59402B



42482A



1D4A5F



43425F

Sweetspot

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



59402B



736960



592B44



3B3530



BABABA



3B3B3B

Same Dimension

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



59402B



734C2C



59572B



2B2927



6B3100



EB6B00

Inverse Universe

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



2B4459



2C5273



2B2D59



27292B



003A6B



0080EB

Previews

White Background



This preview shows how the Hex color 59402B looks on a white background.

Color Contrast Check

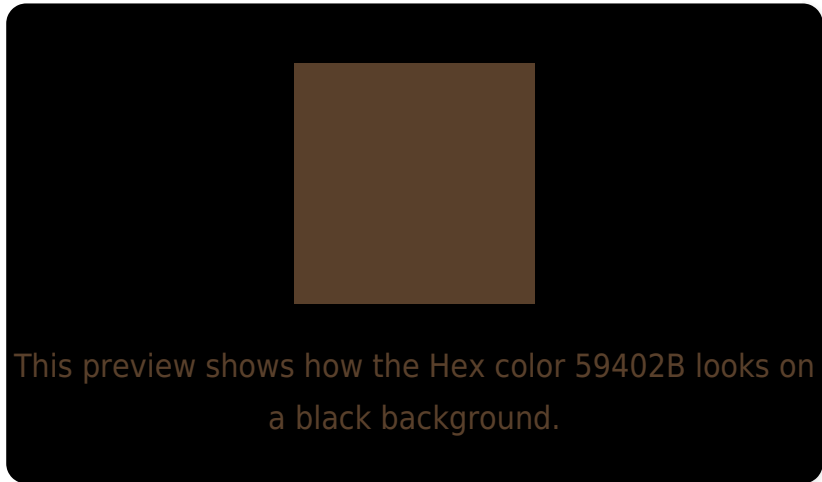
Large Text (above 18pt) WCAG AA ✓ Pass

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

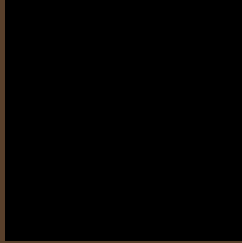
Any Text WCAG AA × Fail

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 59402B Background



This preview shows how black text looks on a background with the Hex color 59402B.

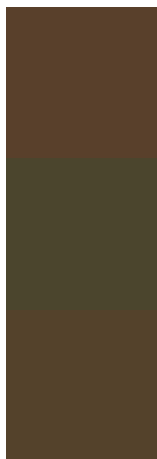


This preview shows how white text looks on a background with the Hex color 59402B.

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
59402B

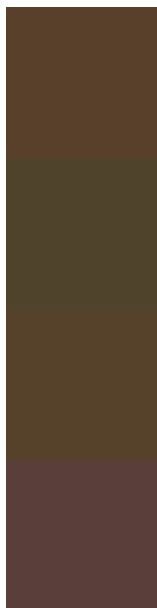
Protanopia
4B452D

Deuteranopia
54422B



Tritanopia
5B3D42

Trichromacy



Original Color

59402B

Protanomaly

50432C

Deuteranomaly

56412B

Tritanomaly

5A3E3A

Monochromacy



Original Color

59402B

Achromatopsia

454545

Achromatomaly

4C433C

CSS Examples

Text

The CSS property to change the color of the text to Hex 59402B 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 #59402B looks like.

```
.text, #text, p{  
    color:#59402B  
}
```

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 #59402B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59402B
}
```

Border

The CSS property to change the border of an element to Hex 59402B is called "border". The border property can be set on classes, ids or directly on the HTML element.

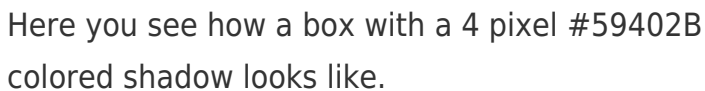
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#59402B }
```

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

```
.border{ border-color:#59402B }
```

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



Here you see how a box with a 4 pixel #59402B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59402B; -webkit-box-shadow:4px 4px  
4px 4px #59402B; box-shadow:4px 4px 4px  
4px #59402B }
```

Background

The CSS property to change the background color of an element to Hex 59402B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59402B }
```

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

```
.background{ background-color:#59402B }
```

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