

# Converting Colors

Hex(563C2B)

Have a look what the booklet for  
Hex(563C2B) contains.

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**Color**

**Hex(563C2B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	563C2B
RGB	86, 60, 43
RGB Percent	34%, 24%, 17%
CMY	0.6627, 0.7647, 0.8314
CMYK	0.00, 0.30, 0.50, 0.66
HSL	24°, 33%, 25%
HSV	24°, 50%, 34%
XYZ	5.8897, 5.3846, 3.0144
YIQ	65.8360, 20.9530, 0.2250

# Conversions

## Conversions Part 2

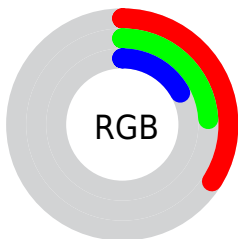
<b>Format</b>	<b>Color</b>
<b>RYB</b>	86, 71, 43
Decimal	5651499
CIELab	27.80, 9.05, 15.02
CIELCh	28, 17.536, 58.930
Yxy	5.3846, 0.4122, 0.3768
Android (android.graphics.Color)	4283841579 (0xFF563C2B)
YUV	65.8360, -11.2581, 17.6838
Hunter-Lab	23.2047, 4.6975, 8.5412

# Details

The Hex color **563C2B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2B4556**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **896B59**, and **281200** is the 20% darker color. If you saturate the color by 10%, you get **563722**, and if you desaturate by 10%, it is **564134**.

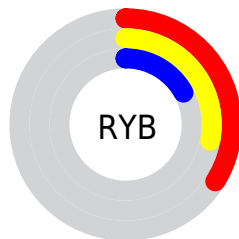
# Distribution



Red (34%)

Green (24%)

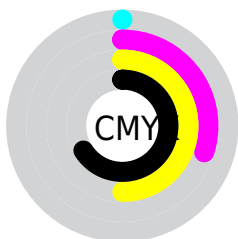
Blue (17%)



Red (34%)

Yellow (28%)

Blue (17%)

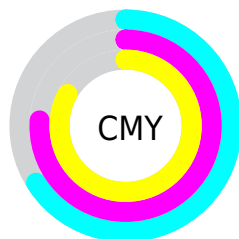


Cyan (0%)

Magenta (30%)

Yellow (50%)

Black (66%)



Cyan (66%)

Magenta (76%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 563C2B 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 563C2B by changing the saturation by 10% instead.



 563C2B

 563C2B

FFFFFF

 3E2616

 896B59

 281200

 A48571

 000000

 BF9F8B

 DCBAA5

 F9D5C0

 FFF2DC

 FFFFF9

 563C2B

 563C2B

■ 563722

■ 564134

■ 56321A

■ 56463C

■ 562C11

■ 564C45

■ 562709

■ 56514D

■ 562200

■ 565656

■ 565B5F

■ 566067

■ 566670

■ 566B78

# Harmonies

## Analogous

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



5C3835



563C2B



4B4127

# Triad

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



563C2B



1D4941



433E59

# Complementary

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



563C2B



2B4556

# 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.



2E435C



563C2B



11494E

# Square

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



563C2B



2D4833



194758



523A50

# Rectangle

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



563C2B



424328



194758



3C405B



# Sweetspot

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



563C2B



70665F



562B46



38322E



B8B8B8



383838



# Same Dimension

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



563C2B



70472D



56512B



2B2927



6B2A00



EB5D00



# Inverse Universe

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



2B4556



2D5670



2B3056



272A2B



00416B



008EEB



# Previews

## White Background



This preview shows how the Hex color 563C2B looks on a white background.

## Color Contrast Check

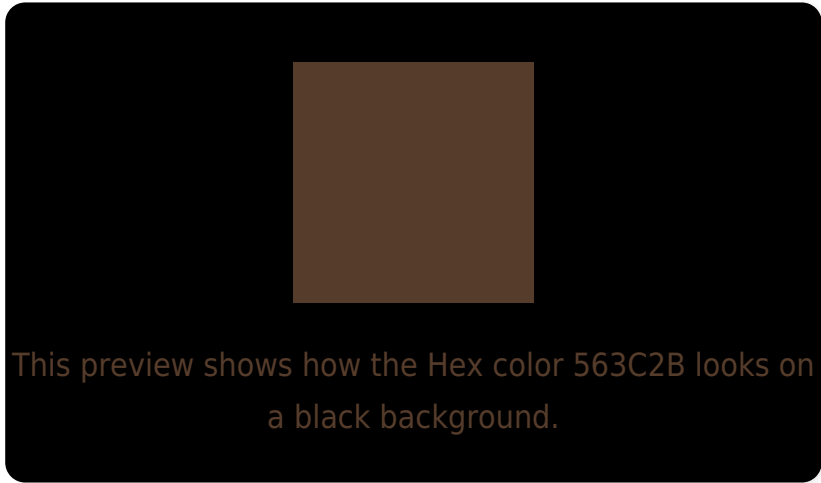
Large Text (above 18pt) WCAG AA ✓ Pass

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 563C2B Background



This preview shows how black text looks on a background with the Hex color 563C2B.

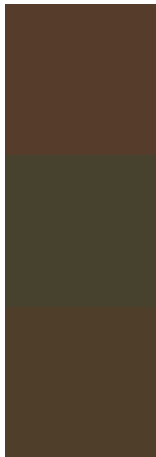


This preview shows how white text looks on a background with the Hex color 563C2B.

# 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**  
563C2B

**Protanopia**  
47422D

**Deuteranopia**  
4F3F2A



**Tritanopia**  
583A3E

# Trichromacy



**Original Color**  
563C2B

**Protanomaly**  
4C402C

**Deuteranomaly**  
523E2A

**Tritanomaly**  
573B37

# Monochromacy



**Original Color**  
563C2B

**Achromatopsia**  
424242

**Achromatomaly**  
49403A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 563C2B 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 #563C2B looks like.

```
.text, #text, p{  
    color:#563C2B  
}
```

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 #563C2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #563C2B
}
```

## Border

The CSS property to change the border of an element to Hex 563C2B 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".

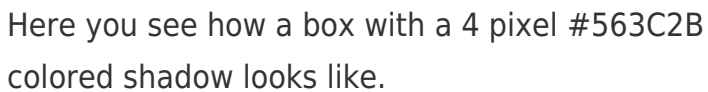
```
.border, #border, table{ border:4px solid
#563C2B }
```

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

```
.border{ border-color:#563C2B }
```

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

Here you see how a box with a 4 pixel #563C2B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #563C2B; -webkit-box-shadow:4px 4px  
4px 4px #563C2B; box-shadow:4px 4px 4px  
4px #563C2B }
```

# Background

The CSS property to change the background color of an element to Hex 563C2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#563C2B }
```

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

```
.background{ background-color:#563C2B }
```

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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