

Converting Colors

Hex(5B3C2D)

Have a look what the booklet for
Hex(5B3C2D) contains.

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Color

Hex(5B3C2D)

Conversions

Conversions Part 1

Format	Color
Hex	5B3C2D
RGB	91, 60, 45
RGB Percent	36%, 24%, 18%
CMY	0.6431, 0.7647, 0.8235
CMYK	0.00, 0.34, 0.51, 0.64
HSL	20°, 34%, 27%
HSV	20°, 51%, 36%
XYZ	6.4039, 5.6453, 3.2348
YIQ	67.5590, 23.2910, 1.9070

Conversions

Conversions Part 2

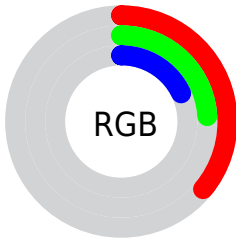
Format	Color
RYB	91, 67, 45
Decimal	5979181
CIELab	28.50, 11.65, 14.78
CIELCh	28, 18.819, 51.757
Yxy	5.6453, 0.4190, 0.3694
Android (android.graphics.Color)	4284169261 (0xFF5B3C2D)
YUV	67.5590, -11.1216, 20.5578
Hunter-Lab	23.7599, 6.5305, 8.5600

Details

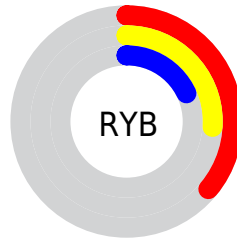
The Hex color **5B3C2D** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2D4C5B**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **8F6B5B**, and **2C1100** is the 20% darker color. If you saturate the color by 10%, you get **5B3624**, and if you desaturate by 10%, it is **5B4236**.

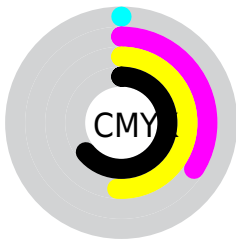
Distribution



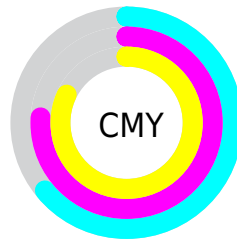
- Red (36%)
- Green (24%)
- Blue (18%)



- Red (36%)
- Yellow (26%)
- Blue (18%)



- Cyan (0%)
- Magenta (34%)
- Yellow (51%)
- Black (64%)



- Cyan (64%)
- Magenta (76%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B3C2D 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 5B3C2D by changing the saturation by 10% instead.

 5B3C2D

 5B3C2D

FFFFFF

 422618

 8F6B5B

 2C1100

 AA8573

 0D0000

 C69F8D

 000000

 E2BAA7

 FFD6C3

 FFF2DF

 FFFFFB

 5B3C2D

 5B3C2D

■ 5B3624

■ 5B4236

■ 5B301B

■ 5B483F

■ 5B2A12

■ 5B4E48

■ 5B2309

■ 5B5551

■ 5B1E00

■ 5B5B5B

■ 5B6164

■ 5B676D

■ 5B6D76

■ 5B737F

Harmonies

Analogous

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



603939



5B3C2D



504126

Triad

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



5B3C2D



1F4B3F



3F415E

Complementary

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



5B3C2D



2D4C5B

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.



284660



5B3C2D



0D4B4D

Square

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



5B3C2D



314931



10495A



523C55

Rectangle

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



5B3C2D



474426



10495A



38435F

Sweetspot

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



5B3C2D



756964



5B2D4C



3B3430



BABABA



3B3B3B

Same Dimension

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



5B3C2D



75452E



5B532D



2E2B29



6E2400



ED4D00

Inverse Universe

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



2D4C5B



2E5E75



2D355B



292C2E



004A6E



00A0ED

Previews

White Background



This preview shows how the Hex color 5B3C2D looks on a white background.

Color Contrast Check

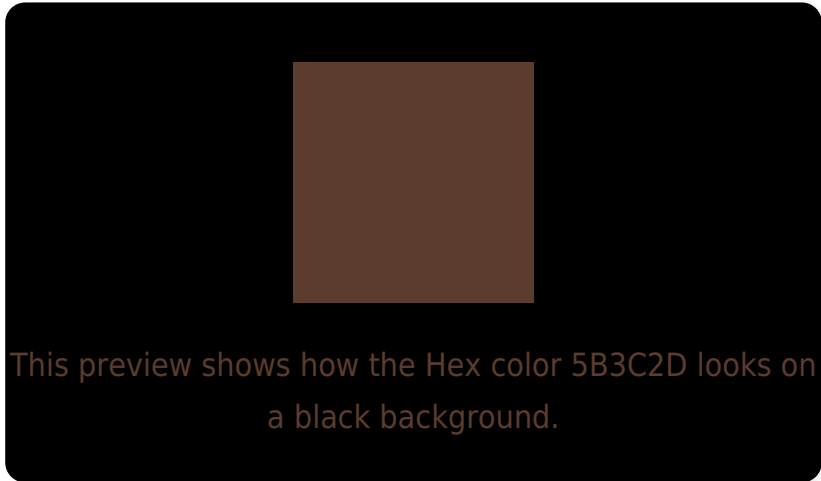
Large Text (above 18pt) WCAG AA ✓ Pass

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

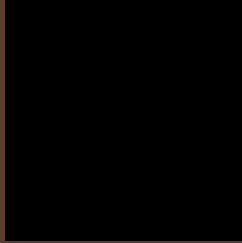
Any Text WCAG AA × Fail

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 5B3C2D Background



This preview shows how black text looks on a background with the Hex color 5B3C2D.

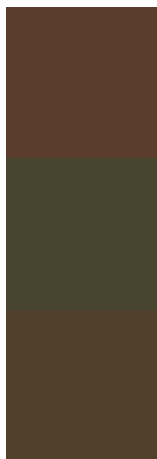


This preview shows how white text looks on a background with the Hex color 5B3C2D.

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
5B3C2D

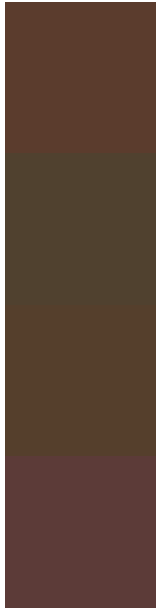
Protanopia
494430

Deuteranopia
51412C



Tritanopia
5C3A3E

Trichromacy



Original Color
5B3C2D

Protanomaly
50412F

Deuteranomaly
553F2C

Tritanomaly
5C3B38

Monochromacy



Original Color
5B3C2D

Achromatopsia
444444

Achromatomaly
4C413C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B3C2D 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 #5B3C2D looks like.

```
.text, #text, p{  
    color:#5B3C2D  
}
```

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 #5B3C2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B3C2D
}
```

Border

The CSS property to change the border of an element to Hex 5B3C2D 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".

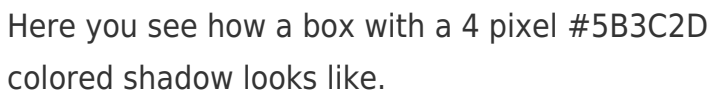
```
.border, #border, table{ border:4px solid
#5B3C2D }
```

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

```
.border{ border-color:#5B3C2D }
```

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

Here you see how a box with a 4 pixel #5B3C2D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B3C2D; -webkit-box-shadow:4px 4px  
4px 4px #5B3C2D; box-shadow:4px 4px 4px  
4px #5B3C2D }
```

Background

The CSS property to change the background color of an element to Hex 5B3C2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B3C2D }
```

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

```
.background{ background-color:#5B3C2D }
```

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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