

Converting Colors

Hex(5B3B35)

Have a look what the booklet for
Hex(5B3B35) contains.

Hex(5B3B35)	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(5B3B35)

Conversions

Conversions Part 1

Format	Color
Hex	5B3B35
RGB	91, 59, 53
RGB Percent	36%, 23%, 21%
CMY	0.6431, 0.7686, 0.7922
CMYK	0.00, 0.35, 0.42, 0.64
HSL	9°, 26%, 28%
HSV	9°, 42%, 36%
XYZ	6.5210, 5.6091, 4.1071
YIQ	67.8840, 20.9980, 4.9180

Conversions

Conversions Part 2

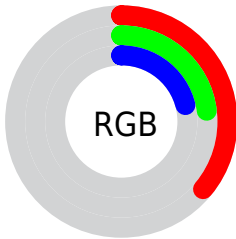
Format	Color
RYB	91, 60, 53
Decimal	5978933
CIELab	28.40, 13.29, 9.48
CIELCh	28, 16.329, 35.510
Yxy	5.6091, 0.4016, 0.3454
Android (android.graphics.Color)	4284169013 (0xFF5B3B35)
YUV	67.8840, -7.3378, 20.2727
Hunter-Lab	23.6836, 7.7013, 6.2966

Details

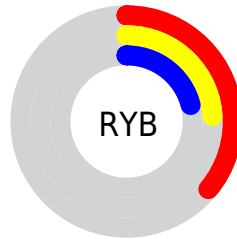
The Hex color **5B3B35** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **35555B**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **8E6B64**, and **2C1008** is the 20% darker color. If you saturate the color by 10%, you get **5B332C**, and if you desaturate by 10%, it is **5B433E**.

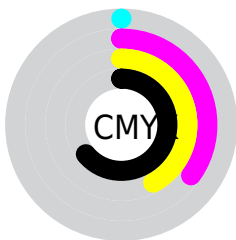
Distribution



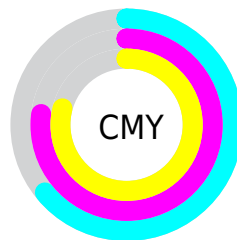
- Red (36%)
- Green (23%)
- Blue (21%)



- Red (36%)
- Yellow (24%)
- Blue (21%)



- Cyan (0%)
- Magenta (35%)
- Yellow (42%)
- Black (64%)



- Cyan (64%)
- Magenta (77%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B3B35 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 5B3B35 by changing the saturation by 10% instead.

 5B3B35

 5B3B35

FFFFFF

 432520

 8E6B64

 2C1008

 A9847C

 100000

 C59E96

 000000

 E1B9B1

 FED5CC

 FFF1E9

 5B3B35

 5B3B35

 5B332C

 5B433E

■ 5B2C23

■ 5B4A47

■ 5B241A

■ 5B5250

■ 5B1C11

■ 5B5A59

■ 5B1508

■ 5B6163

■ 5B0E00

■ 5B696C

■ 5B7175

■ 5B787E

■ 5B8087

Harmonies

Analogous

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



5B3A41



5B3B35



543F2C

Triad

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



5B3B35



2D4938



36435C

Complementary

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



5B3B35



35555B

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.



23475A



5B3B35



1F4A45

Square

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



5B3B35



3C472E



194951



483F57

Rectangle

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



5B3B35



4D422A



194951



2F455C

Sweetspot

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



5B3B35



756866



5B3555



3B3331



BABABA



3B3B3B

Same Dimension

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



5B3B35



75443B



5B4E35



2E2A29



6E1100



ED2500

Inverse Universe

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



35555B



3B6C75



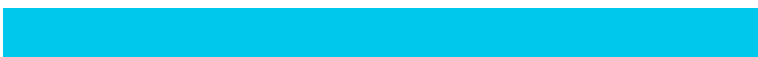
35425B



292D2E



005C6E



00C8ED

Previews

White Background



This preview shows how the Hex color 5B3B35 looks on a white background.

Color Contrast Check

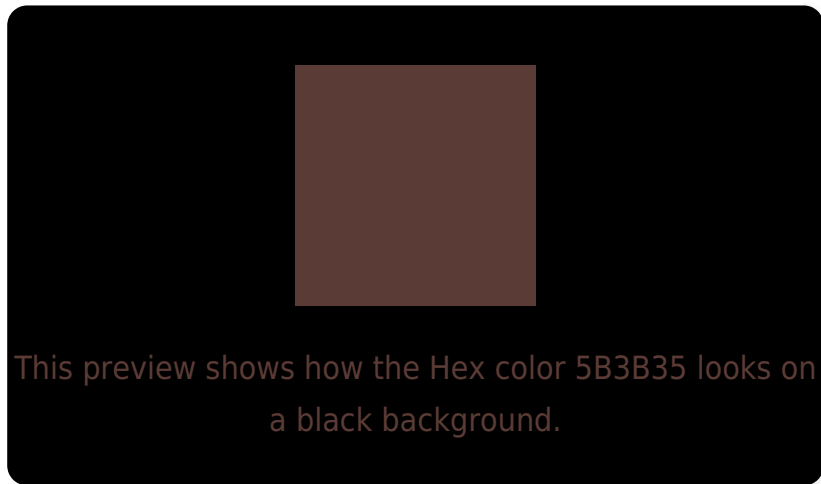
Large Text (above 18pt) WCAG AA ✓ Pass

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

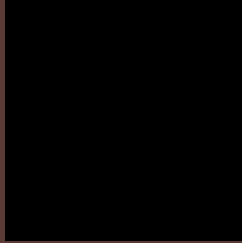
Any Text WCAG AA × Fail

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 5B3B35 Background



This preview shows how black text looks on a background with the Hex color 5B3B35.

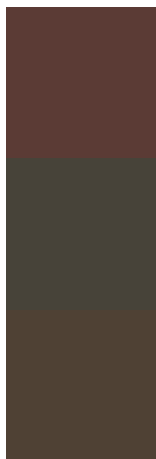


This preview shows how white text looks on a background with the Hex color 5B3B35.

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
5B3B35

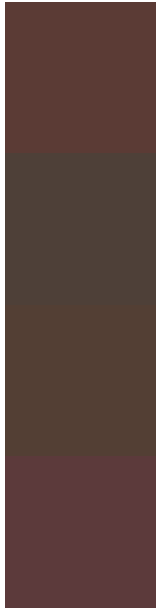
Protanopia
474339

Deuteranopia
4F4134



Tritanopia
5C3A3E

Trichromacy



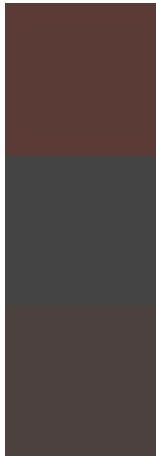
Original Color
5B3B35

Protanomaly
4E4038

Deuteranomaly
533F34

Tritanomaly
5C3A3B

Monochromacy



Original Color
5B3B35

Achromatopsia
444444

Achromatomaly
4C413F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B3B35 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 #5B3B35 looks like.

```
.text, #text, p{  
    color:#5B3B35  
}
```

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 #5B3B35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B3B35
}
```

Border

The CSS property to change the border of an element to Hex 5B3B35 is called "border". The border property can be set on classes, ids or directly on the HTML element.

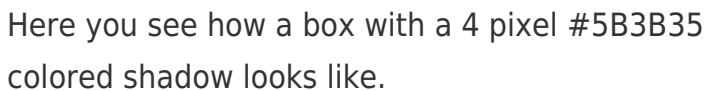
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B3B35 }
```

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

```
.border{ border-color:#5B3B35 }
```

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



Here you see how a box with a 4 pixel #5B3B35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B3B35; -webkit-box-shadow:4px 4px  
4px 4px #5B3B35; box-shadow:4px 4px 4px  
4px #5B3B35 }
```

Background

The CSS property to change the background color of an element to Hex 5B3B35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B3B35 }
```

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

```
.background{ background-color:#5B3B35 }
```

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