

Converting Colors

Hex(57331B)

Have a look what the booklet for
Hex(57331B) contains.

Hex(57331B)	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(57331B)

Conversions

Conversions Part 1

Format	Color
Hex	57331B
RGB	87, 51, 27
RGB Percent	34%, 20%, 11%
CMY	0.6588, 0.8000, 0.8941
CMYK	0.00, 0.41, 0.69, 0.66
HSL	24°, 53%, 22%
HSV	24°, 69%, 34%
XYZ	5.3121, 4.4730, 1.6203
YIQ	59.0280, 29.1600, 0.1680

Conversions

Conversions Part 2

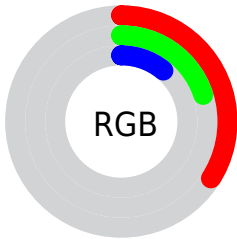
Format	Color
R_{YB}	87, 67, 27
Decimal	5714715
CIE _{Lab}	25.18, 13.68, 21.80
CIE _{LCh}	25, 25.738, 57.895
Yxy	4.4730, 0.4658, 0.3922
Android (android.graphics.Color)	4283904795 (0xFF57331B)
YUV	59.0280, -15.7898, 24.5314
Hunter-Lab	21.1495, 7.8223, 10.2623

Details

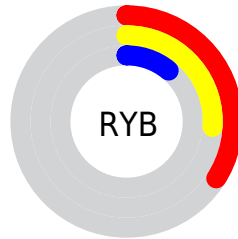
The Hex color **57331B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1B3F57**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **8C6247**, and **260700** is the 20% darker color. If you saturate the color by 10%, you get **572E12**, and if you desaturate by 10%, it is **573824**.

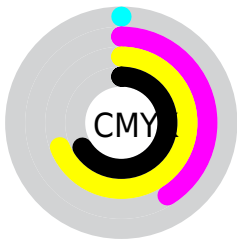
Distribution



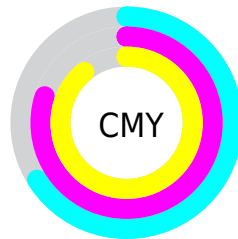
- Red (34%)
- Green (20%)
- Blue (11%)



- Red (34%)
- Yellow (26%)
- Blue (11%)



- Cyan (0%)
- Magenta (41%)
- Yellow (69%)
- Black (66%)



- Cyan (66%)
- Magenta (80%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57331B 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 57331B by changing the saturation by 10% instead.



57331B



57331B

FFFFFF



3E1D02



8C6247



260700



A77B5F



000000



C39478



E0AF92



FDCBAC



FFE7C8



FFFFE4



57331B



57331B

■ 572E12

■ 573824

■ 57290A

■ 573D2C

■ 572301

■ 574335

■ 572300

■ 57483E

■ 574D47

■ 57524F

■ 575858

■ 575D61

■ 576269

Harmonies

Analogous

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



5F2D2B



57331B



483A13

Triad

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



57331B



00453A



3B375E

Complementary

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



57331B



1B3F57

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.



113E62



57331B



00454D

Square

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



57331B



1C4426



00435C



523051

Rectangle

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



57331B



3C3E15



00435C



303A61

Sweetspot

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



57331B



706259



571B3F



38302A



B8B8B8



383838

Same Dimension

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



57331B



703813



57511B



2B2927



6B2B00



EB5E00

Inverse Universe

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



1B3F57



134B70



1B2157



272A2B



00406B



008DEB

Previews

White Background



This preview shows how the Hex color 57331B looks on a white background.

Color Contrast Check

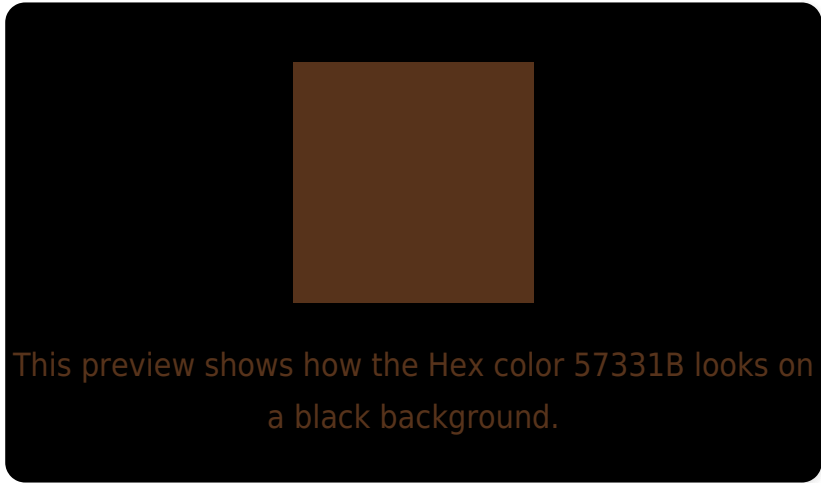
Large Text (above 18pt) WCAG AA ✓ Pass

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

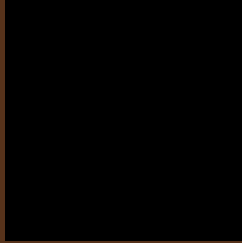
Any Text WCAG AA × Fail

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 57331B Background



This preview shows how black text looks on a background with the Hex color 57331B.

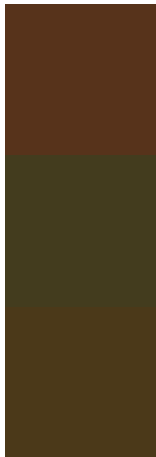


This preview shows how white text looks on a background with the Hex color 57331B.

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
57331B

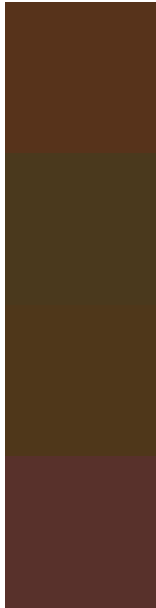
Protanopia
433C1E

Deuteranopia
4B3919



Tritanopia
583034

Trichromacy



Original Color
57331B

Protanomaly
4A391D

Deuteranomaly
4F371A

Tritanomaly
58312B

Monochromacy



Original Color
57331B

Achromatopsia
3B3B3B

Achromatomaly
45382F

CSS Examples

Text

The CSS property to change the color of the text to Hex 57331B 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 #57331B looks like.

```
.text, #text, p{  
    color:#57331B  
}
```

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 #57331B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57331B  
}
```

Border

The CSS property to change the border of an element to Hex 57331B is called "border". The border property can be set on classes, ids or directly on the HTML element.

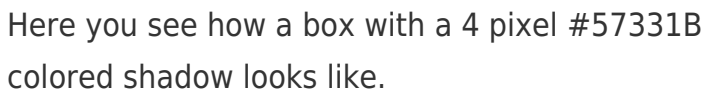
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#57331B }
```

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

```
.border{ border-color:#57331B }
```

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



Here you see how a box with a 4 pixel #57331B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57331B; -webkit-box-shadow:4px 4px  
4px 4px #57331B; box-shadow:4px 4px 4px  
4px #57331B }
```

Background

The CSS property to change the background color of an element to Hex 57331B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57331B }
```

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

```
.background{ background-color:#57331B }
```

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