

Converting Colors

Hex(551713)

Have a look what the booklet for
Hex(551713) contains.

Hex(551713)	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(551713)

Conversions

Conversions Part 1

Format	Color
Hex	551713
RGB	85, 23, 19
RGB Percent	33%, 9%, 7%
CMY	0.6667, 0.9098, 0.9255
CMYK	0.00, 0.73, 0.78, 0.67
HSL	4°, 63%, 20%
HSV	4°, 78%, 33%
XYZ	4.1703, 2.5911, 0.8964
YIQ	41.0820, 38.2360, 11.9000

Conversions

Conversions Part 2

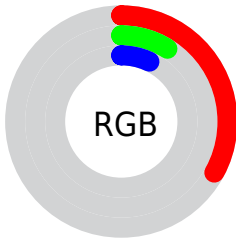
Format	Color
R_YB	85, 23, 19
Decimal	5576467
CIE Lab	18.33, 28.40, 18.77
CIE LCh	18, 34.041, 33.471
Yxy	2.5911, 0.5446, 0.3384
Android (android.graphics.Color)	4283766547 (0xFF551713)
YUV	41.0820, -10.8864, 38.5161
Hunter-Lab	16.0969, 18.0747, 7.9660

Details

The Hex color **551713** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **135155**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **8B463D**, and **230001** is the 20% darker color. If you saturate the color by 10%, you get **550F0A**, and if you desaturate by 10%, it is **551F1C**.

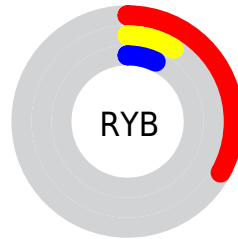
Distribution



Red (33%)

Green (9%)

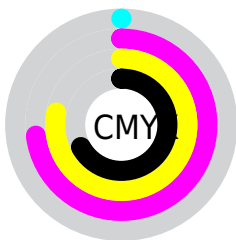
Blue (7%)



Red (33%)

Yellow (9%)

Blue (7%)

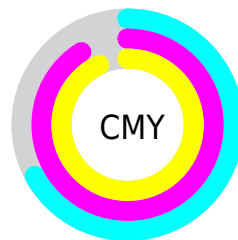


Cyan (0%)

Magenta (73%)

Yellow (78%)

Black (67%)



Cyan (67%)

Magenta (91%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 551713 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 551713 by changing the saturation by 10% instead.

 551713

 551713

 FFFFF4

 3B0000

 8B463D

 230001

 A75F55

 000000

 C4786D

 E19286

 FFADA0

 FFC9BB

 FFE5D7

 551713

 551713

■ 550F0A

■ 551F1C

■ 550702

■ 552724

■ 550500

■ 552F2D

■ 553735

■ 553F3D

■ 554746

■ 554F4E

■ 555757

■ 555F5F

Harmonies

Analogous

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



57102B



551713



492300

Triad

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



551713



003615



002F5E

Complementary

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



551713



135155

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.



003559



551713



00382F

Square

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



551713



1D3300



003747



2F2556

Rectangle

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



551713



3D2A00



003747



00315E

Sweetspot

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



551713



6E5654



551352



382928



B8B8B8



383838

Same Dimension

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



551713



6E0E08



553713



2B2727



6B0600



EB0E00

Inverse Universe

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



135155



08676E



133155



272B2B



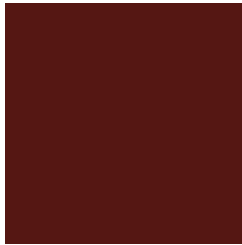
00656B



00DCEB

Previews

White Background



This preview shows how the Hex color 551713 looks on a white background.

Color Contrast Check

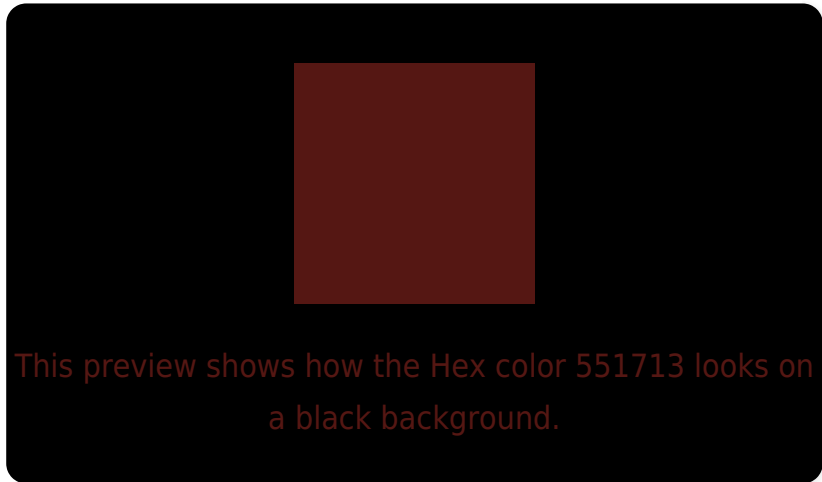
Large Text (above 18pt) WCAG AA ✓ Pass

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

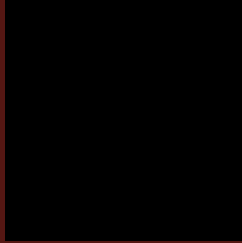
Any Text WCAG AA × Fail

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 551713 Background



This preview shows how black text looks on a background with the Hex color 551713.

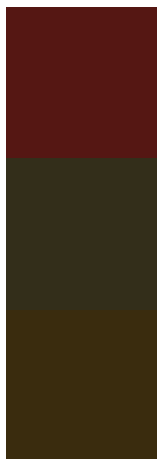


This preview shows how white text looks on a background with the Hex color 551713.

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
551713

Protanopia
332E1A

Deuteranopia
3A2C0E



Tritanopia
551617

Trichromacy



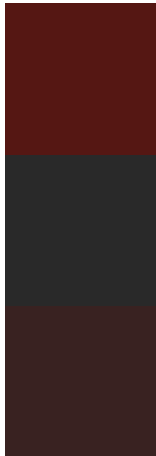
Original Color
551713

Protanomaly
3F2617

Deuteranomaly
442410

Tritanomaly
551616

Monochromacy



Original Color
551713

Achromatopsia
292929

Achromatomaly
392221

CSS Examples

Text

The CSS property to change the color of the text to Hex 551713 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 #551713 looks like.

```
.text, #text, p{  
    color:#551713  
}
```

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 #551713 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #551713
}
```

Border

The CSS property to change the border of an element to Hex 551713 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".

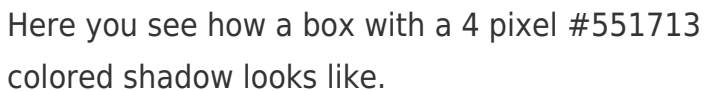
```
.border, #border, table{ border:4px solid
#551713 }
```

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

```
.border{ border-color:#551713 }
```

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

Here you see how a box with a 4 pixel #551713 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below and to the right of the box is a dark red shadow, creating a 3D effect. The shadow is rectangular and matches the color of the border.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #551713; -webkit-box-shadow:4px 4px  
4px 4px #551713; box-shadow:4px 4px 4px  
4px #551713 }
```

Background

The CSS property to change the background color of an element to Hex 551713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#551713 }
```

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

```
.background{ background-color:#551713 }
```

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