

# Converting Colors

Hex(551711)

Have a look what the booklet for  
Hex(551711) contains.

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**Color**

**Hex(551711)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	551711
RGB	85, 23, 17
RGB Percent	33%, 9%, 7%
CMY	0.6667, 0.9098, 0.9333
CMYK	0.00, 0.73, 0.80, 0.67
HSL	5°, 67%, 20%
HSV	5°, 80%, 33%
XYZ	4.1539, 2.5846, 0.8102
YIQ	40.8540, 38.8780, 11.2780

# Conversions

## Conversions Part 2

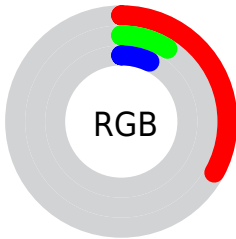
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 24, 17
Decimal	5576465
CIELab	18.30, 28.29, 19.96
CIELCh	18, 34.620, 35.202
Yxy	2.5846, 0.5503, 0.3424
Android (android.graphics.Color)	4283766545 (0xFF551711)
YUV	40.8540, -11.7600, 38.7160
Hunter-Lab	16.0766, 17.9871, 8.2654

# Details

The Hex color **551711** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **114F55**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **8B463B**, and **230001** is the 20% darker color. If you saturate the color by 10%, you get **550F08**, and if you desaturate by 10%, it is **551F19**.

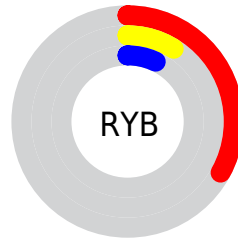
# Distribution



Red (33%)

Green (9%)

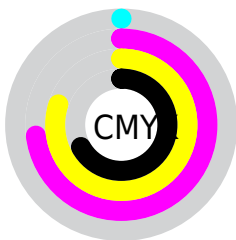
Blue (7%)



Red (33%)

Yellow (9%)

Blue (7%)

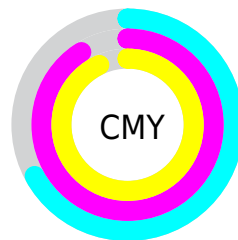


Cyan (0%)

Magenta (73%)

Yellow (80%)

Black (67%)



Cyan (67%)

Magenta (91%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 551711 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 551711 by changing the saturation by 10% instead.



 551711

 551711

 FFFFFF1

 3B0000

 8B463B

 230001

 A85F52

 000000

 C4786B

 E19284

 FFAD9E

 FFC9B9

 FFE5D5

 551711

 551711

■ 550F08

■ 551F19

■ 550800

■ 552722

■ 552E2A

■ 553633

■ 553E3B

■ 554544

■ 554D4C

■ 555555

■ 555D5E

# Harmonies

## Analogous

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



580F29



551711



482300

# Triad

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



551711



003616



002E5F

# Complementary

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



551711



114F55

# 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.



00355A



551711



003830

# Square

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



551711



1B3300



003749



322456

# Rectangle

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



551711



3C2A00



003749



00315F



# Sweetspot

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



551711



6E5653



55114F



382928



B8B8B8



383838



# Same Dimension

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



551711



6E0E04



553911



2B2727



6B0900



EB1500



# Inverse Universe

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



114F55



04646E



112D55



272B2B



00626B

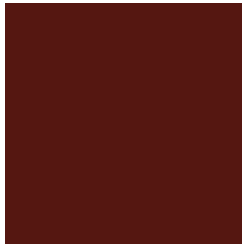


00D6EB



# Previews

## White Background



This preview shows how the Hex color 551711 looks on a white background.

## Color Contrast Check

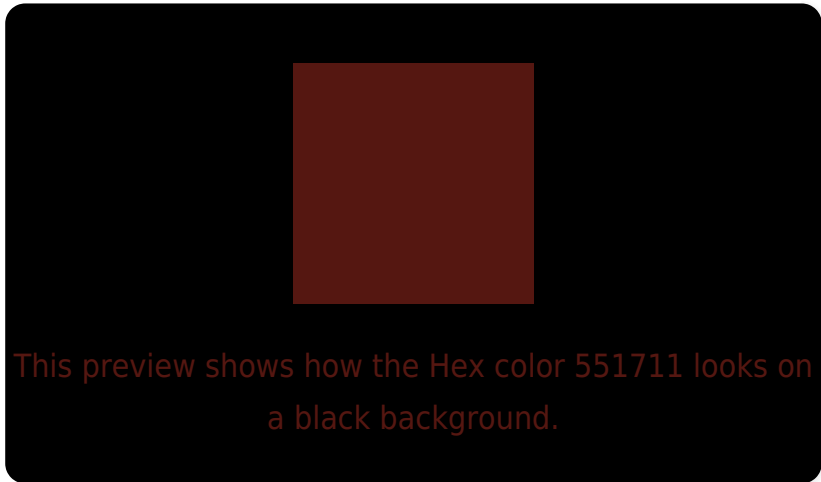
Large Text (above 18pt) WCAG AA ✓ Pass

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 551711 Background



This preview shows how black text looks on a background with the Hex color 551711.

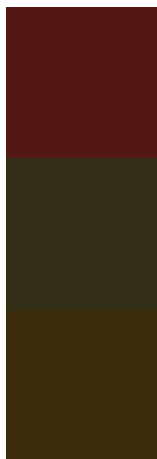


This preview shows how white text looks on a background with the Hex color 551711.

# 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**  
551711

**Protanopia**  
332E18

**Deuteranopia**  
3A2C0C



**Tritanopia**  
551617

# Trichromacy



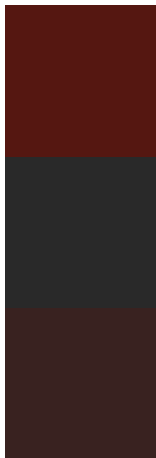
**Original Color**  
551711

**Protanomaly**  
3F2615

**Deuteranomaly**  
44240E

**Tritanomaly**  
551615

# Monochromacy



**Original Color**  
551711

**Achromatopsia**  
292929

**Achromatomaly**  
392220

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 551711 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 #551711 looks like.

```
.text, #text, p{  
    color:#551711  
}
```

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 #551711 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #551711
}
```

## Border

The CSS property to change the border of an element to Hex 551711 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".

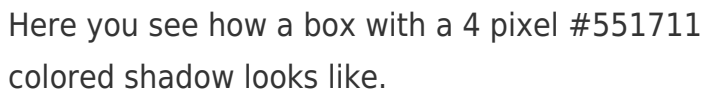
```
.border, #border, table{ border:4px solid
#551711 }
```

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

```
.border{ border-color:#551711 }
```

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

Here you see how a box with a 4 pixel #551711 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 the box, there is a thick dark red shadow that extends to the right and down, creating a 3D effect.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #551711; -webkit-box-shadow:4px 4px  
4px 4px #551711; box-shadow:4px 4px 4px  
4px #551711 }
```

# Background

The CSS property to change the background color of an element to Hex 551711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#551711 }
```

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

```
.background{ background-color:#551711 }
```

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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