

# Converting Colors

Hex(551D07)

Have a look what the booklet for  
Hex(551D07) contains.

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**Color**

**Hex(551D07)**

# Conversions

## Conversions Part 1

Format	Color
Hex	551D07
RGB	85, 29, 7
RGB Percent	33%, 11%, 3%
CMY	0.6667, 0.8863, 0.9725
CMYK	0.00, 0.66, 0.92, 0.67
HSL	17°, 85%, 18%
HSV	17°, 92%, 33%
XYZ	4.2240, 2.8254, 0.5237
YIQ	43.2360, 40.4380, 5.0300

# Conversions

## Conversions Part 2

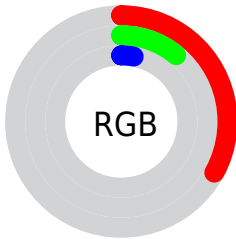
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 38, 7
Decimal	5577991
CIELab	19.33, 24.82, 25.84
CIELCh	19, 35.827, 46.151
Yxy	2.8254, 0.5578, 0.3731
Android (android.graphics.Color)	4283768071 (0xFF551D07)
YUV	43.2360, -17.8643, 36.6270
Hunter-Lab	16.8088, 15.4413, 9.9188

# Details

The Hex color **551D07** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **073F55**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **8B4B34**, and **240001** is the 20% darker color. If you saturate the color by 10%, you get **551800**, and if you desaturate by 10%, it is **55230F**.

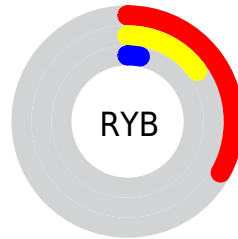
# Distribution



Red (33%)

Green (11%)

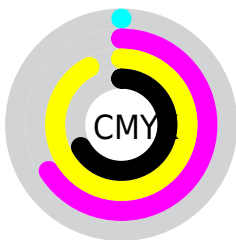
Blue (3%)



Red (33%)

Yellow (15%)

Blue (3%)

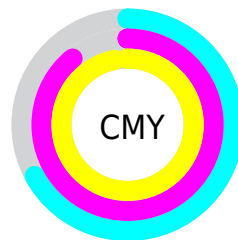


Cyan (0%)

Magenta (66%)

Yellow (92%)

Black (67%)



Cyan (67%)

Magenta (89%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 551D07 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 551D07 by changing the saturation by 10% instead.



 551D07

 551D07

 FFFFE8

 3B0600

 8B4B34

 240001

 A8644B

 000000

 C47D63

 E2977C

 FFB296

 FFCEB1

 FFEACC

 551D07

 551D07

■ 551800

■ 55230F

■ 552918

■ 552F20

■ 553529

■ 553C31

■ 55423A

■ 554842

■ 554E4B

■ 555453

# Harmonies

## Analogous

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



5C1122



551D07



452900

# Triad

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



551D07



003A21



0A2D61

# Complementary

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



551D07



073F55

# 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.



003562



551D07



003A3D

# Square

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



551D07



0B3705



003954



412153

# Rectangle

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



551D07



362F00



003954



003063



# Sweetspot

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



551D07



6E584F



550740



382A25



B8B8B8



383838



# Same Dimension

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



551D07



6E1F00



554307



2B2827



6B1E00



EB4200



# Inverse Universe

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



073F55



004F6E



071955



272A2B



004D6B

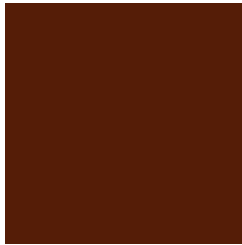


00A8EB



# Previews

## White Background



This preview shows how the Hex color 551D07 looks on a white background.

## Color Contrast Check

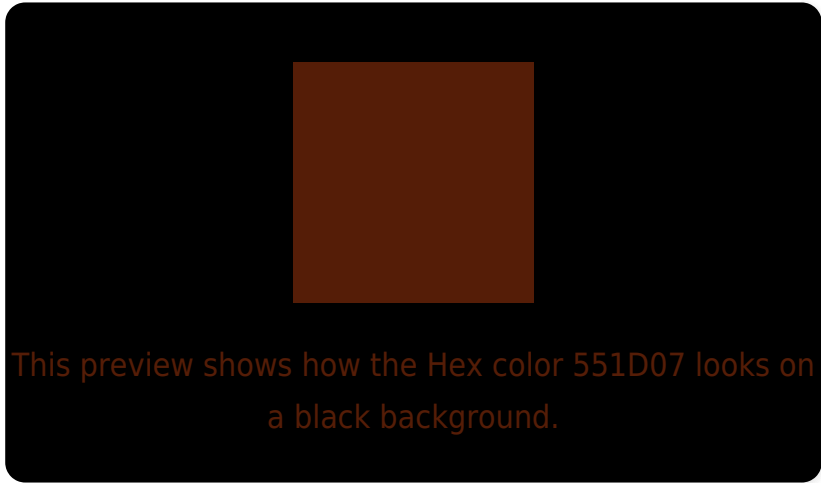
Large Text (above 18pt) WCAG AA ✓ Pass

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

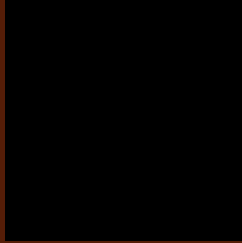
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 551D07 Background



This preview shows how black text looks on a background with the Hex color 551D07.

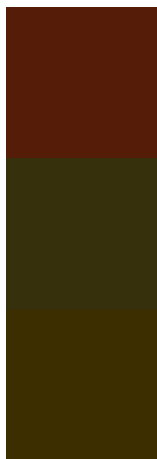


This preview shows how white text looks on a background with the Hex color 551D07.

# 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**  
551D07

**Protanopia**  
36300C

**Deuteranopia**  
3D2E00



**Tritanopia**  
561B1D

# Trichromacy



**Original Color**  
551D07

**Protanomaly**  
41290A

**Deuteranomaly**  
462803

**Tritanomaly**  
561C15

# Monochromacy



**Original Color**  
551D07

**Achromatopsia**  
2B2B2B

**Achromatomaly**  
3A261E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 551D07 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 #551D07 looks like.

```
.text, #text, p{  
    color:#551D07  
}
```

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 #551D07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #551D07
}
```

## Border

The CSS property to change the border of an element to Hex 551D07 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".

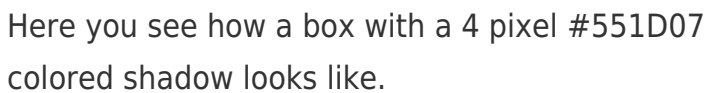
```
.border, #border, table{ border:4px solid
#551D07 }
```

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

```
.border{ border-color:#551D07 }
```

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

Here you see how a box with a 4 pixel #551D07 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #551D07; -webkit-box-shadow:4px 4px  
4px 4px #551D07; box-shadow:4px 4px 4px  
4px #551D07 }
```

# Background

The CSS property to change the background color of an element to Hex 551D07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#551D07 }
```

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

```
.background{ background-color:#551D07 }
```

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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