

# Converting Colors

Hex(550900)

Have a look what the booklet for  
Hex(550900) contains.

<b>Hex(550900)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(550900)**

# Conversions

## Conversions Part 1

Format	Color
Hex	550900
RGB	85, 9, 0
RGB Percent	33%, 4%, 0%
CMY	0.6667, 0.9647, 1.0000
CMYK	0.00, 0.89, 1.00, 0.67
HSL	6°, 100%, 17%
HSV	6°, 100%, 33%
XYZ	3.8440, 2.1267, 0.2079
YIQ	30.6980, 48.1850, 13.3130

# Conversions

## Conversions Part 2

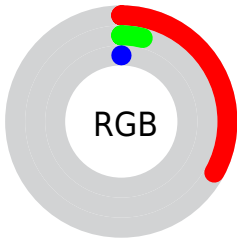
Format	Color
<b>RYB</b>	85, 10, 0
Decimal	5572864
CIELab	16.14, 33.10, 24.85
CIELCh	16, 41.390, 36.900
Yxy	2.1267, 0.6222, 0.3442
Android (android.graphics.Color)	4283762944 (0xFF550900)
YUV	30.6980, -15.1341, 47.6229
Hunter-Lab	14.5831, 21.5309, 9.3630

# Details

The Hex color **550900** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **004C55**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **8C3C2F**, and **1E0001** is the 20% darker color. If you saturate the color by 10%, you get **550900**, and if you desaturate by 10%, it is **551108**.

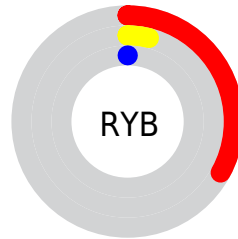
# Distribution



Red (33%)

Green (4%)

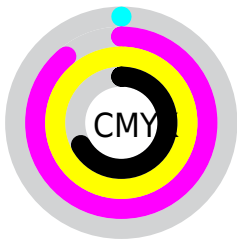
Blue (0%)



Red (33%)

Yellow (4%)

Blue (0%)

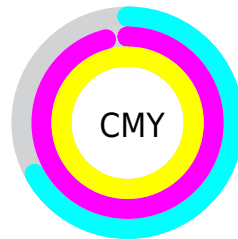


Cyan (0%)

Magenta (89%)

Yellow (100%)

Black (67%)



Cyan (67%)

Magenta (96%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 550900 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 550900 by changing the saturation by 10% instead.



 550900


 550900

 FFF8E2

 3A0000

 8C3C2F

 1E0001

 A95545

 000000

 C66E5D

 E48876

 FFA390

 FFBFAA

 FFD6C6

 550900

■ 551108

■ 551811

■ 552019

■ 552722

■ 552F2A

■ 553733

■ 553E3B

■ 554644

■ 554D4C

# Harmonies

## Analogous

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



5A0023



550900



441D00

# Triad

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



550900



00330F



002A64

# Complementary

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



550900



004C55

# 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.



00315F



550900



00342E

# Square

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



550900



0B3000



00344B



2E1C58

# Rectangle

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



550900



352600



00344B



002D64



# Sweetspot

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



550900



6E504D



55004D



382624



B8B8B8



383838



# Same Dimension

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



550900



6E0C00



553300



2B2727



6B0B00



EB1900



# Inverse Universe

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



004C55



00626E



002255



272B2B



00606B

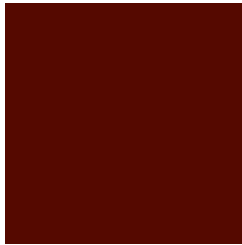


00D2EB



# Previews

## White Background



This preview shows how the Hex color 550900 looks on a white background.

## Color Contrast Check

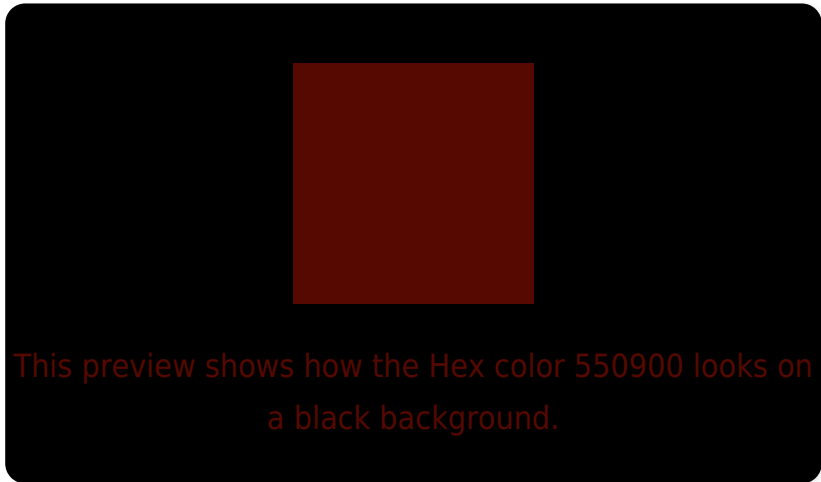
Large Text (above 18pt) WCAG AA ✓ Pass

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

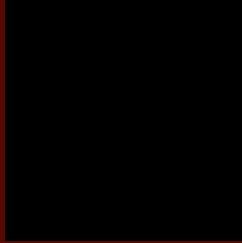
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 550900 Background



This preview shows how black text looks on a background with the Hex color 550900.

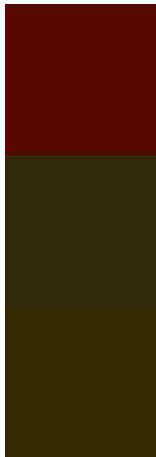


This preview shows how white text looks on a background with the Hex color 550900.

# 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**  
550900

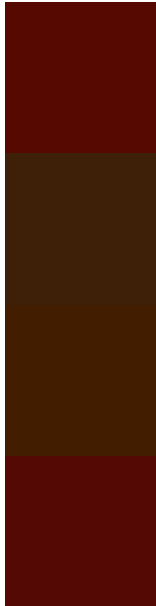
**Protanopia**  
312B0B

**Deuteranopia**  
372900



**Tritanopia**  
550906

# Trichromacy



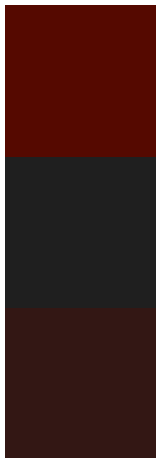
**Original Color**  
550900

**Protanomaly**  
3E1F07

**Deuteranomaly**  
421D00

**Tritanomaly**  
550904

# Monochromacy



**Original Color**  
550900

**Achromatopsia**  
1F1F1F

**Achromatomaly**  
331714

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 550900 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 #550900 looks like.

```
.text, #text, p{  
    color:#550900  
}
```

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 #550900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #550900
}
```

## Border

The CSS property to change the border of an element to Hex 550900 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".

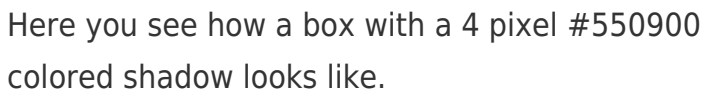
```
.border, #border, table{ border:4px solid
#550900 }
```

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

```
.border{ border-color:#550900 }
```

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

Here you see how a box with a 4 pixel #550900 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #550900 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #550900; -webkit-box-shadow:4px 4px  
4px 4px #550900; box-shadow:4px 4px 4px  
4px #550900 }
```

# Background

The CSS property to change the background color of an element to Hex 550900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#550900 }
```

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

```
.background{ background-color:#550900 }
```

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**