

# Converting Colors

Hex(550B0C)

Have a look what the booklet for  
Hex(550B0C) contains.

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**Color**

**Hex(550B0C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	550B0C
RGB	85, 11, 12
RGB Percent	33%, 4%, 5%
CMY	0.6667, 0.9569, 0.9529
CMYK	0.00, 0.87, 0.86, 0.67
HSL	359°, 77%, 19%
HSV	359°, 87%, 33%
XYZ	3.9323, 2.1972, 0.5647
YIQ	33.2400, 43.7830, 15.9990

# Conversions

## Conversions Part 2

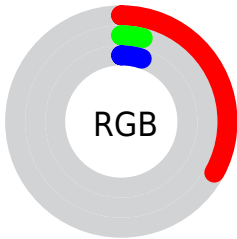
Format	Color
<b>R<sub>YB</sub></b>	85, 11, 12
Decimal	5573388
CIE Lab	16.49, 32.89, 20.35
CIE LCh	16, 38.678, 31.752
Yxy	2.1972, 0.5874, 0.3282
Android (android.graphics.Color)	4283763468 (0xFF550B0C)
YUV	33.2400, -10.4713, 45.3935
Hunter-Lab	14.8229, 21.4139, 8.1174

# Details

The Hex color **550B0C** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0B5554**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **8C3E37**, and **1F0001** is the 20% darker color. If you saturate the color by 10%, you get **550304**, and if you desaturate by 10%, it is **551414**.

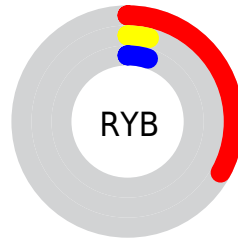
# Distribution



Red (33%)

Green (4%)

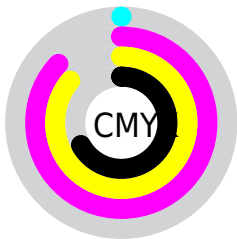
Blue (5%)



Red (33%)

Yellow (4%)

Blue (5%)

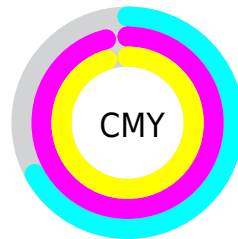


Cyan (0%)

Magenta (87%)

Yellow (86%)

Black (67%)



Cyan (67%)

Magenta (96%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 550B0C 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 550B0C by changing the saturation by 10% instead.



 550B0C

 550B0C

 FFF9EB

 3A0000

 8C3E37

 1F0001

 A9564E

 000000

 C67066

 E38A7F

 FFA599

 FFC0B4

 FFDCCF

 550B0C

 550B0C

■ 550304

■ 551414

■ 550001

■ 551C1D

■ 552525

■ 552D2E

■ 553536

■ 553E3E

■ 554747

■ 554F4F

■ 555757

# Harmonies

## Analogous

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



570028



550B0C



481D00

# Triad

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



550B0C



00330B



002C61

# Complementary

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



550B0C



0B5554

# 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.



00325A



550B0C



00342A

# Square

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



550B0C



172F00



003445



272058

# Rectangle

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



550B0C



3A2500



003445



002F60



# Sweetspot

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



550B0C



6E5152



540B55



382727



B8B8B8



383838



# Same Dimension

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



550B0C



6E0001



552F0B



2B2727



6B0001



EB0003



# Inverse Universe

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



550B0C



6E0001



0B3155



2B2727



6B0001

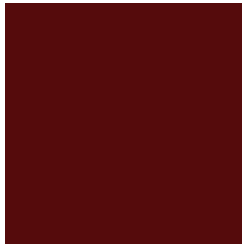


EB0003



# Previews

## White Background



This preview shows how the Hex color 550B0C looks on a white background.

## Color Contrast Check

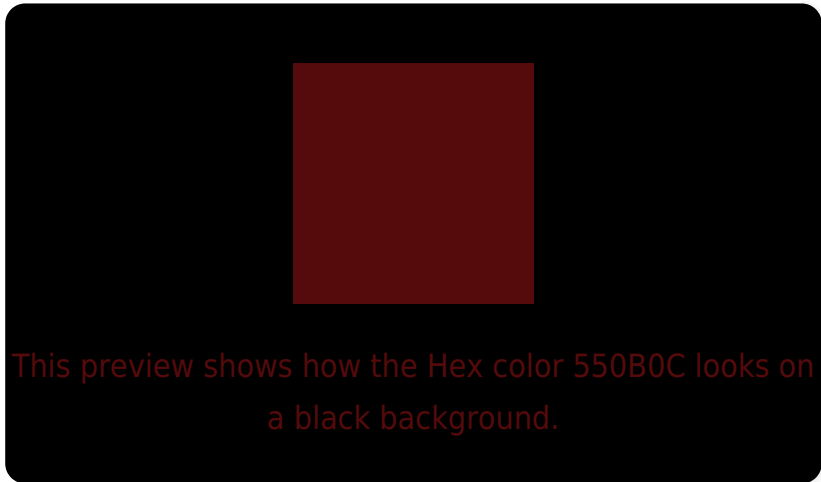
Large Text (above 18pt) WCAG AA ✓ Pass

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

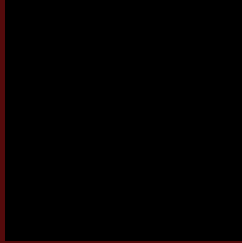
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 550B0C Background



This preview shows how black text looks on a background with the Hex color 550B0C.



This preview shows how white text looks on a background with the Hex color 550B0C.

# 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**  
550B0C

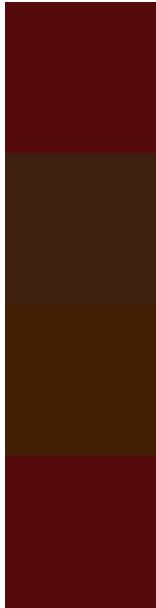
**Protanopia**  
302C13

**Deuteranopia**  
372900



**Tritanopia**  
550B0A

# Trichromacy



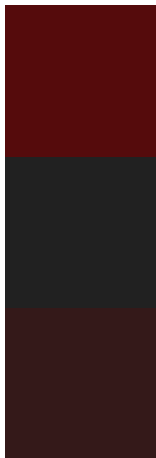
**Original Color**  
550B0C

**Protanomaly**  
3D2010

**Deuteranomaly**  
421E04

**Tritanomaly**  
550B0B

# Monochromacy



**Original Color**  
550B0C

**Achromatopsia**  
212121

**Achromatomaly**  
341919

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 550B0C 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 #550B0C looks like.

```
.text, #text, p{  
    color:#550B0C  
}
```

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 #550B0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #550B0C
}
```

## Border

The CSS property to change the border of an element to Hex 550B0C 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".

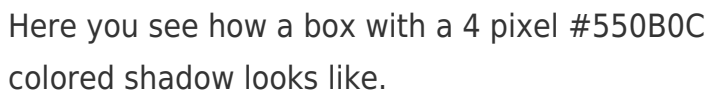
```
.border, #border, table{ border:4px solid
#550B0C }
```

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

```
.border{ border-color:#550B0C }
```

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

Here you see how a box with a 4 pixel #550B0C 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 #550B0C colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #550B0C; -webkit-box-shadow:4px 4px  
4px 4px #550B0C; box-shadow:4px 4px 4px  
4px #550B0C }
```

# Background

The CSS property to change the background color of an element to Hex 550B0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#550B0C }
```

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

```
.background{ background-color:#550B0C }
```

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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