

# Converting Colors

Hex(550D01)

Have a look what the booklet for  
Hex(550D01) contains.

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**Color**

**Hex(550D01)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	550D01
RGB	85, 13, 1
RGB Percent	33%, 5%, 0%
CMY	0.6667, 0.9490, 0.9961
CMYK	0.00, 0.85, 0.99, 0.67
HSL	9°, 98%, 17%
HSV	9°, 99%, 33%
XYZ	3.8957, 2.2213, 0.2521
YIQ	33.1600, 46.7640, 11.5320

# Conversions

## Conversions Part 2

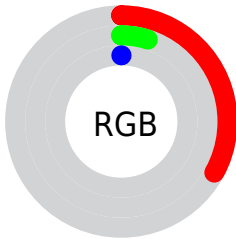
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 15, 1
Decimal	5573889
CIELab	16.61, 31.84, 25.03
CIELCh	17, 40.499, 38.170
Yxy	2.2213, 0.6116, 0.3488
Android (android.graphics.Color)	4283763969 (0xFF550D01)
YUV	33.1600, -15.8549, 45.4637
Hunter-Lab	14.9041, 20.5749, 9.4298

# Details

The Hex color **550D01** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **014955**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **8C3F30**, and **1F0001** is the 20% darker color. If you saturate the color by 10%, you get **550C00**, and if you desaturate by 10%, it is **551409**.

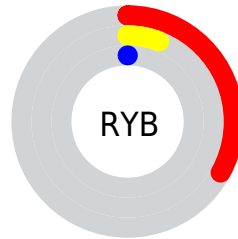
# Distribution



Red (33%)

Green (5%)

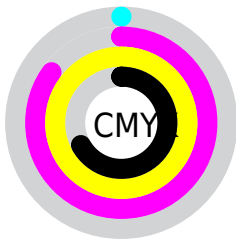
Blue (0%)



Red (33%)

Yellow (6%)

Blue (0%)

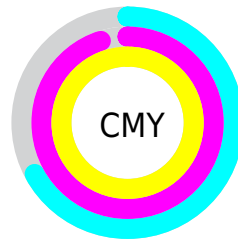


Cyan (0%)

Magenta (85%)

Yellow (99%)

Black (67%)



Cyan (67%)

Magenta (95%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 550D01 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 550D01 by changing the saturation by 10% instead.



 550D01


 550D01

 FFFAE3

 3A0000

 8C3F30

 1F0001

 A95746

 000000

 C6715E

 E48B77

 FFA591

 FFC1AB

 FFDDC6

 550D01

 550D01

■ 550C00

■ 551409

■ 551C12

■ 55231A

■ 552A23

■ 55312B

■ 553934

■ 55403C

■ 554745

■ 554F4D

# Harmonies

## Analogous

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



5A0023



550D01



451F00

# Triad

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



550D01



003412



002A63

# Complementary

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



550D01



014955

# 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.



00325F



550D01



003531

# Square

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



550D01



0C3100



00354C



321D57

# Rectangle

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



550D01



352700



00354C



002E64



# Sweetspot

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



550D01



6E514D



55014A



382724



B8B8B8



383838



# Same Dimension

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



550D01



6E1000



553601



2B2827



6B0F00



EB2200



# Inverse Universe

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



014955



005E6E



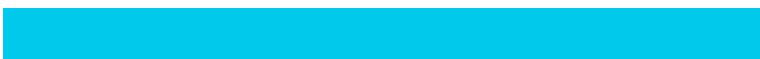
012055



272B2B



005C6B

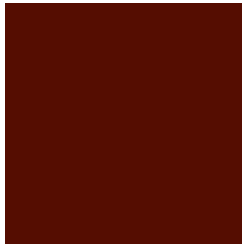


00C9EB



# Previews

## White Background



This preview shows how the Hex color 550D01 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

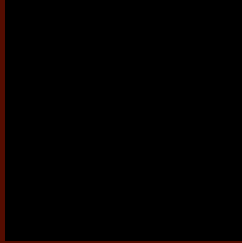
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 550D01 Background



This preview shows how black text looks on a background with the Hex color 550D01.

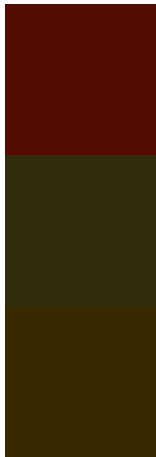


This preview shows how white text looks on a background with the Hex color 550D01.

# 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**  
550D01

**Protanopia**  
312C0B

**Deuteranopia**  
372A00



**Tritanopia**  
550C0B

# Trichromacy



**Original Color**  
550D01

**Protanomaly**  
3E2107

**Deuteranomaly**  
421F00

**Tritanomaly**  
550C07

# Monochromacy



**Original Color**  
550D01

**Achromatopsia**  
212121

**Achromatomaly**  
341A15

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 550D01 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 #550D01 looks like.

```
.text, #text, p{  
    color:#550D01  
}
```

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 #550D01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #550D01
}
```

## Border

The CSS property to change the border of an element to Hex 550D01 is called "border". The border property can be set on classes, ids or directly on the HTML element.

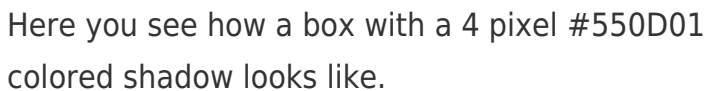
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#550D01 }
```

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

```
.border{ border-color:#550D01 }
```

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



Here you see how a box with a 4 pixel #550D01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #550D01; -webkit-box-shadow:4px 4px  
4px 4px #550D01; box-shadow:4px 4px 4px  
4px #550D01 }
```

# Background

The CSS property to change the background color of an element to Hex 550D01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#550D01 }
```

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

```
.background{ background-color:#550D01 }
```

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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