

Converting Colors

Hex(533900)

Have a look what the booklet for
Hex(533900) contains.

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Color

Hex(533900)

Conversions

Conversions Part 1

Format	Color
Hex	533900
RGB	83, 57, 0
RGB Percent	33%, 22%, 0%
CMY	0.6745, 0.7765, 1.0000
CMYK	0.00, 0.31, 1.00, 0.67
HSL	41°, 100%, 16%
HSV	41°, 100%, 33%
XYZ	5.0304, 4.7653, 0.6547
YIQ	58.2760, 33.7930, -12.2150

Conversions

Conversions Part 2

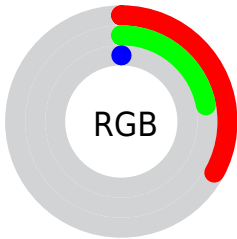
Format	Color
RYB	38, 83, 0
Decimal	5454080
CIELab	26.06, 6.45, 35.56
CIElCh	26, 36.140, 79.713
Yxy	4.7653, 0.4814, 0.4560
Android (android.graphics.Color)	4283644160 (0xFF533900)
YUV	58.2760, -28.7301, 21.6829
Hunter-Lab	21.8295, 2.9322, 13.5025

Details

The Hex color **533900** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **001A53**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **886830**, and **210F00** is the 20% darker color. If you saturate the color by 10%, you get **533900**, and if you desaturate by 10%, it is **533C08**.

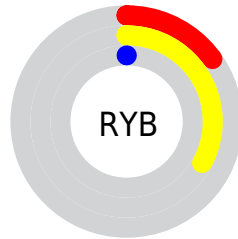
Distribution



Red (33%)

Green (22%)

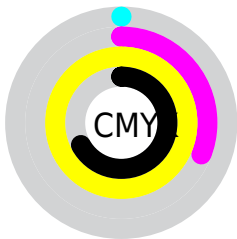
Blue (0%)



Red (15%)

Yellow (33%)

Blue (0%)

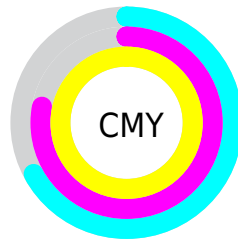


Cyan (0%)

Magenta (31%)

Yellow (100%)

Black (67%)



Cyan (67%)

Magenta (78%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 533900 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 533900 by changing the saturation by 10% instead.

 533900

 533900

 FFFFE7

 3A2400

 886830

 210F00

 A48148

 000000

 C09B61

 DDB67A

 FAD194

 FFEDAF

 FFFFCB

 533900

■ 533C08

■ 533E11

■ 534119

■ 534321

■ 534629

■ 534932

■ 534B3A

■ 534E42

■ 53504B

Harmonies

Analogous

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



662D14



533900



3A4201

Triad

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



533900



004A4F



552E62

Complementary

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



533900



001A53

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.



2A3A72



533900



004967

Square

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



533900



004A33



004474



6A2348

Rectangle

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



533900



25460F



004474



4A3268

Sweetspot

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



533900



6B614B



53001A



363022



B5B5B5



363636

Same Dimension

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



533900



6B4A00



445300



292825



694800



E89F00

Inverse Universe

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



001A53



00226B



0F0053



252629



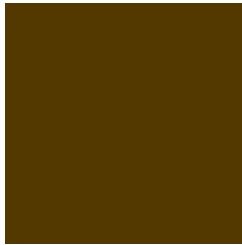
002169



0049E8

Previews

White Background



This preview shows how the Hex color 533900 looks on a white background.

Color Contrast Check

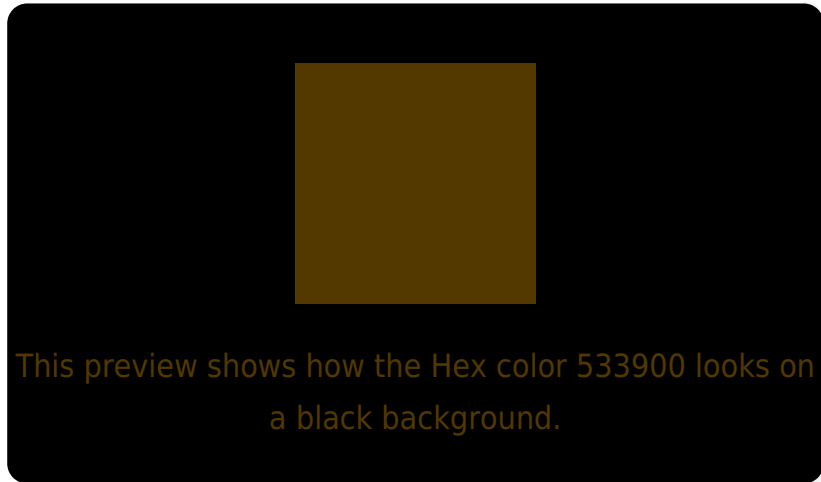
Large Text (above 18pt) WCAG AA ✓ Pass

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

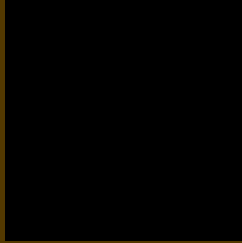
Any Text WCAG AA × Fail

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 533900 Background



This preview shows how black text looks on a background with the Hex color 533900.



This preview shows how white text looks on a background with the Hex color 533900.

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
533900

Protanopia
463E05

Deuteranopia
4F3B00



Tritanopia
553539

Trichromacy



Original Color
533900

Protanomaly
4B3C03

Deuteranomaly
503A00

Tritanomaly
543624

Monochromacy



Original Color
533900

Achromatopsia
3A3A3A

Achromatomaly
433A25

CSS Examples

Text

The CSS property to change the color of the text to Hex 533900 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 #533900 looks like.

```
.text, #text, p{  
    color:#533900  
}
```

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 #533900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #533900
}
```

Border

The CSS property to change the border of an element to Hex 533900 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
#533900 }
```

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

```
.border{ border-color:#533900 }
```

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

Here you see how a box with a 4 pixel #533900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #533900; -webkit-box-shadow:4px 4px  
4px 4px #533900; box-shadow:4px 4px 4px  
4px #533900 }
```

Background

The CSS property to change the background color of an element to Hex 533900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#533900 }
```

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

```
.background{ background-color:#533900 }
```

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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