

# Converting Colors

Hex(533B00)

Have a look what the booklet for  
Hex(533B00) contains.

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**Color**

**Hex(533B00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	533B00
RGB	83, 59, 0
RGB Percent	33%, 23%, 0%
CMY	0.6745, 0.7686, 1.0000
CMYK	0.00, 0.29, 1.00, 0.67
HSL	43°, 100%, 16%
HSV	43°, 100%, 33%
XYZ	5.1312, 4.9669, 0.6883
YIQ	59.4500, 33.2430, -13.2610

# Conversions

## Conversions Part 2

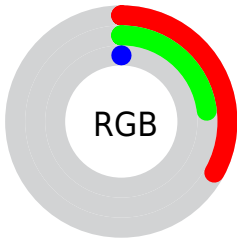
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	34, 83, 0
Decimal	5454592
CIE Lab	26.64, 5.18, 36.09
CIE LCh	27, 36.457, 81.835
Yxy	4.9669, 0.4757, 0.4605
Android (android.graphics.Color)	4283644672 (0xFF533B00)
YUV	59.4500, -29.3088, 20.6534
Hunter-Lab	22.2866, 2.0961, 13.7696

# Details

The Hex color **533B00** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **001853**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **886A31**, and **211100** is the 20% darker color. If you saturate the color by 10%, you get **533B00**, and if you desaturate by 10%, it is **533D08**.

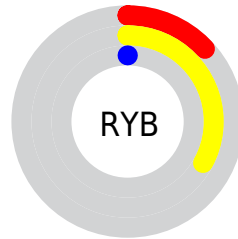
# Distribution



Red (33%)

Green (23%)

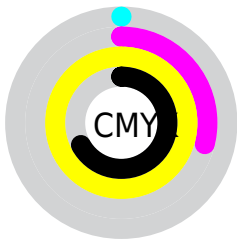
Blue (0%)



Red (13%)

Yellow (33%)

Blue (0%)

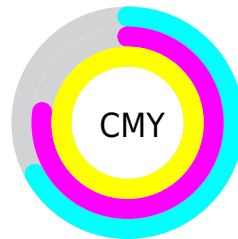


Cyan (0%)

Magenta (29%)

Yellow (100%)

Black (67%)



Cyan (67%)

Magenta (77%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 533B00 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 533B00 by changing the saturation by 10% instead.



 533B00

 533B00

 FFFFE8

 3A2500

 886A31

 211100

 A48348

 000000

 C09D61

 DDB87A

 FAD395

 FFF0B0

 FFFFCB

 533B00

■ 533D08

■ 534011

■ 534219

■ 534521

■ 534729

■ 534932

■ 534C3A

■ 534E42

■ 53514B

# Harmonies

## Analogous

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



662F13



533B00



394403

# Triad

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



533B00



004C53



592E62

# Complementary

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



533B00



001853

# 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.



303B73



533B00



004A6A

# Square

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



533B00



004B36



004476



6D2448

# Rectangle

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



533B00



234712



004476



4E3369



# Sweetspot

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



533B00



6B624B



530019



363022



B5B5B5



363636



# Same Dimension

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



533B00



6B4C00



425300



292825



694A00



E8A500



# Inverse Universe

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



001853



001F6B



110053



252629



001E69

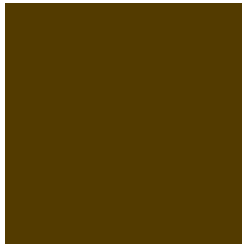


0043E8



# Previews

## White Background



This preview shows how the Hex color 533B00 looks on a white background.

## Color Contrast Check

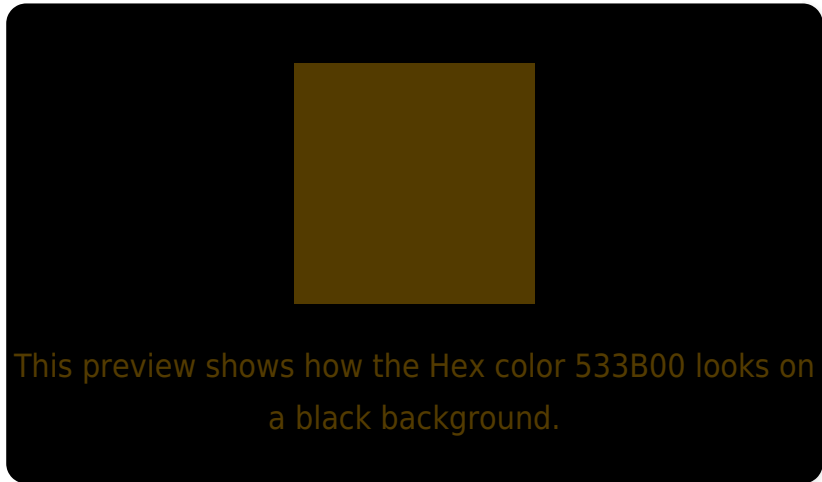
Large Text (above 18pt) WCAG AA ✓ Pass

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

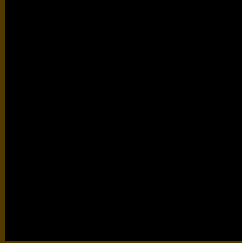
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 533B00 Background



This preview shows how black text looks on a background with the Hex color 533B00.



This preview shows how white text looks on a background with the Hex color 533B00.

# 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**  
533B00

**Protanopia**  
484005

**Deuteranopia**  
503C00



**Tritanopia**  
56373B

# Trichromacy



**Original Color**  
533B00

**Protanomaly**  
4C3E03

**Deuteranomaly**  
513C00

**Tritanomaly**  
553826

# Monochromacy



**Original Color**  
533B00

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
443B26

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 533B00 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 #533B00 looks like.

```
.text, #text, p{  
    color:#533B00  
}
```

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 #533B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #533B00
}
```

## Border

The CSS property to change the border of an element to Hex 533B00 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
#533B00 }
```

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

```
.border{ border-color:#533B00 }
```

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

Here you see how a box with a 4 pixel #533B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #533B00; -webkit-box-shadow:4px 4px  
4px 4px #533B00; box-shadow:4px 4px 4px  
4px #533B00 }
```

# Background

The CSS property to change the background color of an element to Hex 533B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#533B00 }
```

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

```
.background{ background-color:#533B00 }
```

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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