

# Converting Colors

Hex(593533)

Have a look what the booklet for  
Hex(593533) contains.

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**Color**

**Hex(593533)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	593533
RGB	89, 53, 51
RGB Percent	35%, 21%, 20%
CMY	0.6510, 0.7922, 0.8000
CMYK	0.00, 0.40, 0.43, 0.65
HSL	3°, 27%, 27%
HSV	3°, 43%, 35%
XYZ	5.9905, 4.9091, 3.7638
YIQ	63.5360, 22.0980, 7.0100

# Conversions

## Conversions Part 2

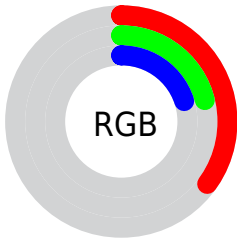
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 53, 51
Decimal	5846323
CIE <sub>Lab</sub>	26.47, 15.90, 8.08
CIE <sub>LCh</sub>	26, 17.838, 26.937
Yxy	4.9091, 0.4085, 0.3348
Android (android.graphics.Color)	4284036403 (0xFF593533)
YUV	63.5360, -6.1802, 22.3319
Hunter-Lab	22.1564, 9.4876, 5.4377

# Details

The Hex color **593533** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **335759**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **8C6461**, and **2A0A05** is the 20% darker color. If you saturate the color by 10%, you get **592D2A**, and if you desaturate by 10%, it is **593D3C**.

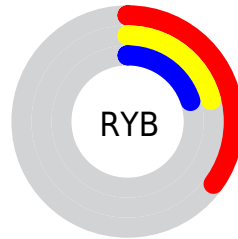
# Distribution



Red (35%)

Green (21%)

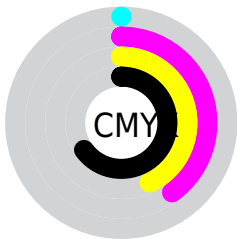
Blue (20%)



Red (35%)

Yellow (21%)

Blue (20%)

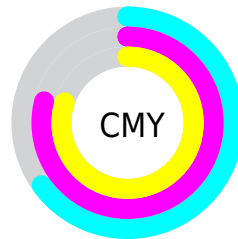


Cyan (0%)

Magenta (40%)

Yellow (43%)

Black (65%)



Cyan (65%)

Magenta (79%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 593533 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 593533 by changing the saturation by 10% instead.



 593533

 593533

FFFFFF

 411F1E

 8C6461

 2A0A05

 A77D7A

 020000

 C39794

 000000

 DFB2AE

 FCCECA

 FFEAE6

 593533

 593533

 592D2A

 593D3C

■ 592421

■ 594645

■ 591C18

■ 594E4E

■ 59130F

■ 595757

■ 590B07

■ 595F60

■ 590500

■ 596868

■ 597071

■ 59787A

■ 598183

# Harmonies

## Analogous

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



583441



593533



543928

# Triad

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



593533



2B442F



29405A

# Complementary

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



593533



335759

# 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.



134455



593533



1A463D

# Square

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



593533



3B4126



0A464A



3E3C57

# Rectangle

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



593533



4D3C24



0A464A



214259



# Sweetspot

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



593533



736564



593357



3B3231



BABABA



3B3B3B



# Same Dimension

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



593533



733B38



594833



2B2727



6B0600



EB0C00



# Inverse Universe

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



335759



387073



334459



272B2B



00656B



00DEEB



# Previews

## White Background



This preview shows how the Hex color 593533 looks on a white background.

## Color Contrast Check

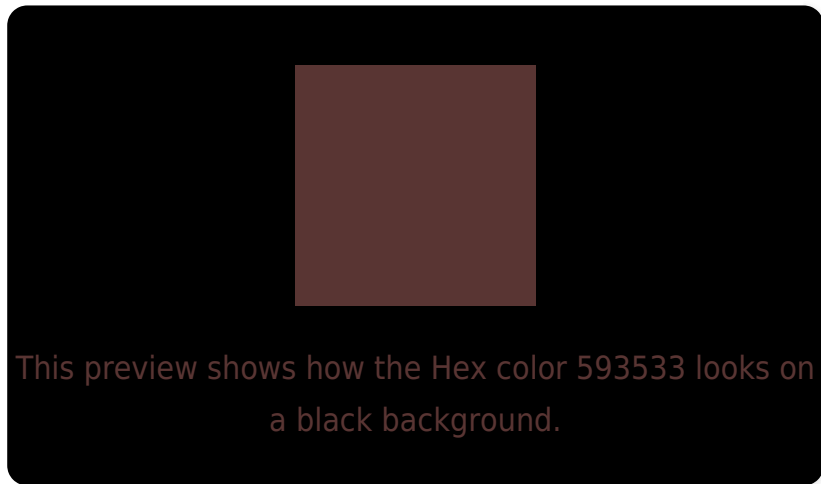
Large Text (above 18pt) WCAG AA ✓ Pass

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 593533 Background



This preview shows how black text looks on a background with the Hex color 593533.

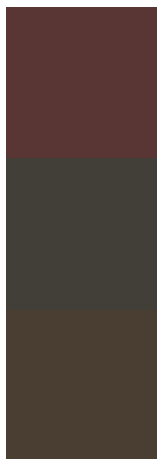


This preview shows how white text looks on a background with the Hex color 593533.

# 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**  
593533

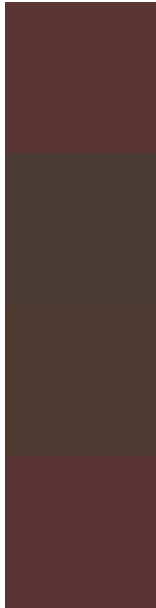
**Protanopia**  
423F38

**Deuteranopia**  
4A3D32



**Tritanopia**  
593438

# Trichromacy



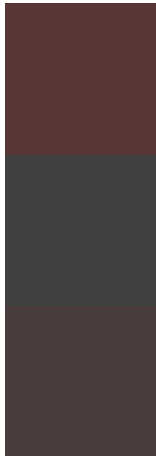
**Original Color**  
593533

**Protanomaly**  
4A3B36

**Deuteranomaly**  
4F3A32

**Tritanomaly**  
593436

# Monochromacy



**Original Color**  
593533

**Achromatopsia**  
404040

**Achromatomaly**  
493C3B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 593533 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 #593533 looks like.

```
.text, #text, p{  
    color:#593533  
}
```

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 #593533 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #593533
}
```

## Border

The CSS property to change the border of an element to Hex 593533 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".

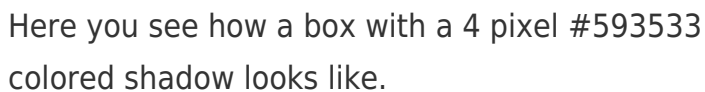
```
.border, #border, table{ border:4px solid
#593533 }
```

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

```
.border{ border-color:#593533 }
```

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

Here you see how a box with a 4 pixel #593533 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #593533; -webkit-box-shadow:4px 4px  
4px 4px #593533; box-shadow:4px 4px 4px  
4px #593533 }
```

# Background

The CSS property to change the background color of an element to Hex 593533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#593533 }
```

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

```
.background{ background-color:#593533 }
```

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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