

# Converting Colors

Hex(593B25)

Have a look what the booklet for  
Hex(593B25) contains.

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**Color**

**Hex(593B25)**

# Conversions

## Conversions Part 1

Format	Color
Hex	593B25
RGB	89, 59, 37
RGB Percent	35%, 23%, 15%
CMY	0.6510, 0.7686, 0.8549
CMYK	0.00, 0.34, 0.58, 0.65
HSL	25°, 41%, 25%
HSV	25°, 58%, 35%
XYZ	6.0177, 5.3853, 2.4726
YIQ	65.4620, 24.9420, -0.4820

# Conversions

## Conversions Part 2

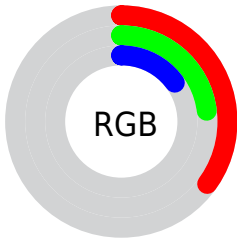
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 75, 37
Decimal	5847845
CIELab	27.81, 10.46, 18.89
CIELCh	28, 21.596, 61.015
Yxy	5.3853, 0.4337, 0.3881
Android (android.graphics.Color)	4284037925 (0xFF593B25)
YUV	65.4620, -14.0318, 20.6428
Hunter-Lab	23.2064, 5.6763, 9.9273

# Details

The Hex color **593B25** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **254359**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **8D6A52**, and **291100** is the 20% darker color. If you saturate the color by 10%, you get **59361C**, and if you desaturate by 10%, it is **59402E**.

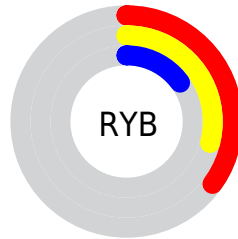
# Distribution



Red (35%)

Green (23%)

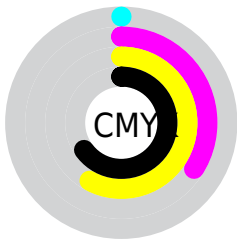
Blue (15%)



Red (35%)

Yellow (29%)

Blue (15%)

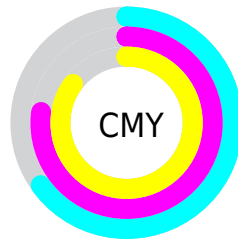


Cyan (0%)

Magenta (34%)

Yellow (58%)

Black (65%)



Cyan (65%)

Magenta (77%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 593B25 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 593B25 by changing the saturation by 10% instead.



 593B25

 593B25

FFFFFF

 402510

 8D6A52

 291100

 A8846A

 030000

 C49E84

 000000

 E0B99E

 FDD4B9

 FFF1D5

 FFFFF1

 593B25

 593B25

■ 59361C

■ 59402E

■ 593113

■ 594537

■ 592C0A

■ 594A40

■ 592601

■ 595049

■ 592600

■ 595552

■ 595A5A

■ 595F63

■ 59646C

■ 596975

# Harmonies

## Analogous

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



613631



593B25



4C4120

# Triad

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



593B25



094A42



443D5E

# Complementary

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



593B25



254359

# 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.



294363



593B25



004A52

# Square

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



593B25



264931



00485E



573752

# Rectangle

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



593B25



404422



00485E



3C3F61



# Sweetspot

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



593B25



73675E



592543



3B332E



BABABA



3B3B3B



# Same Dimension

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



593B25



734422



595525



2B2927



6B2D00



EB6300



# Inverse Universe

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



254359



225173



252959



272A2B



003E6B



0087EB



# Previews

## White Background



This preview shows how the Hex color 593B25 looks on a white background.

## Color Contrast Check

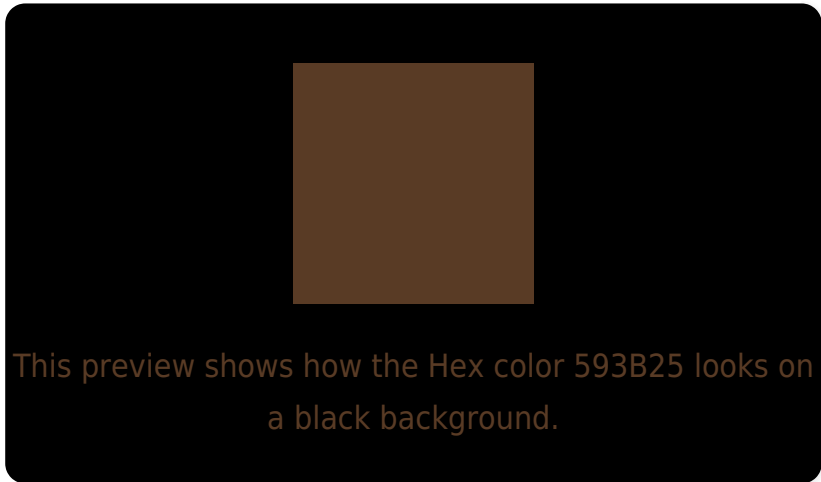
Large Text (above 18pt) WCAG AA ✓ Pass

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

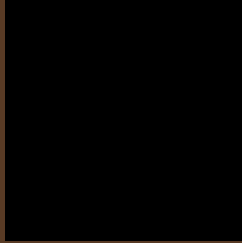
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 593B25 Background



This preview shows how black text looks on a background with the Hex color 593B25.

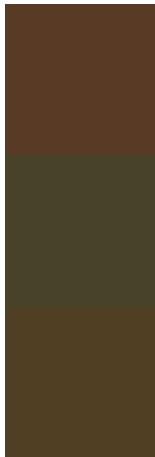


This preview shows how white text looks on a background with the Hex color 593B25.

# 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**  
593B25

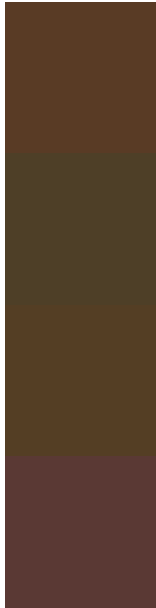
**Protanopia**  
484228

**Deuteranopia**  
513F24



**Tritanopia**  
5B383C

# Trichromacy



**Original Color**  
593B25

**Protanomaly**  
4E3F27

**Deuteranomaly**  
543E24

**Tritanomaly**  
5A3934

# Monochromacy



**Original Color**  
593B25

**Achromatopsia**  
414141

**Achromatomaly**  
4A3F37

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 593B25 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 #593B25 looks like.

```
.text, #text, p{  
    color:#593B25  
}
```

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 #593B25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #593B25
}
```

## Border

The CSS property to change the border of an element to Hex 593B25 is called "border". The border property can be set on classes, ids or directly on the HTML element.

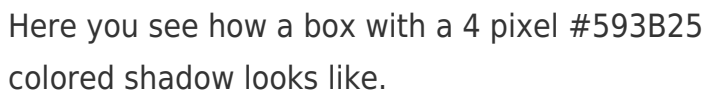
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#593B25 }
```

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

```
.border{ border-color:#593B25 }
```

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



Here you see how a box with a 4 pixel #593B25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #593B25; -webkit-box-shadow:4px 4px  
4px 4px #593B25; box-shadow:4px 4px 4px  
4px #593B25 }
```

# Background

The CSS property to change the background color of an element to Hex 593B25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#593B25 }
```

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

```
.background{ background-color:#593B25 }
```

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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