

# Converting Colors

Hex(583135)

Have a look what the booklet for  
Hex(583135) contains.

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# Color

Hex(583135)

# Conversions

## Conversions Part 1

Format	Color
Hex	583135
RGB	88, 49, 53
RGB Percent	35%, 19%, 21%
CMY	0.6549, 0.8078, 0.7922
CMYK	0.00, 0.44, 0.40, 0.65
HSL	354°, 28%, 27%
HSV	354°, 44%, 35%
XYZ	5.7654, 4.5284, 3.9384
YIQ	61.1170, 21.9600, 9.5120

# Conversions

## Conversions Part 2

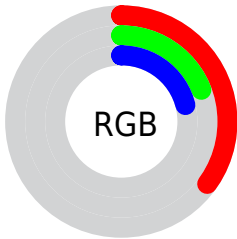
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 49, 53
Decimal	5779765
CIE <sub>Lab</sub>	25.35, 18.24, 5.14
CIE <sub>LCh</sub>	25, 18.951, 15.751
Yxy	4.5284, 0.4051, 0.3182
Android (android.graphics.Color)	4283969845 (0xFF583135)
YUV	61.1170, -4.0017, 23.5764
Hunter-Lab	21.2800, 11.1213, 3.9230

# Details

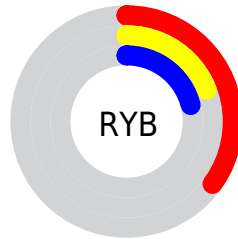
The Hex color **583135** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **315854**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **8B6063**, and **290408** is the 20% darker color. If you saturate the color by 10%, you get **58282D**, and if you desaturate by 10%, it is **583A3D**.

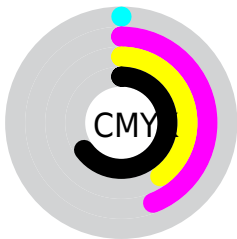
# Distribution



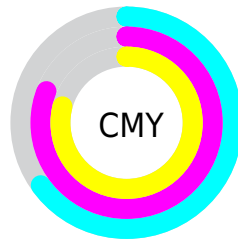
- Red (35%)
- Green (19%)
- Blue (21%)



- Red (35%)
- Yellow (19%)
- Blue (21%)



- Cyan (0%)
- Magenta (44%)
- Yellow (40%)
- Black (65%)



- Cyan (65%)
- Magenta (81%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 583135 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 583135 by changing the saturation by 10% instead.



 583135

 583135

FFFFFF

 401B20

 8B6063

 290408

 A6797C

 000000

 C29396

 DEAEB1

 FBC9CC

 FFE5E8

 583135

 583135

 58282D

 583A3D

■ 581F25

■ 584345

■ 58171D

■ 584B4D

■ 580E15

■ 585455

■ 58050E

■ 585D5C

■ 580009

■ 586664

■ 586F6C

■ 587774

■ 58807C

# Harmonies

## Analogous

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



543244



583135



553428

# Triad

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



583135



2E4128



1A4058

# Complementary

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



583135



315854

# 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.



004350



583135



1B4335

# Square

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



583135



3E3E20



034443



333B58

# Rectangle

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



583135



4F3722



034443



104156



# Sweetspot

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



583135



736465



533158



3B3132



BABABA



3B3B3B



# Same Dimension

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



583135



73363C



584031



2B2727



6B000B



EB0018



# Inverse Universe

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



583135



73363C



314958



2B2727



6B000B

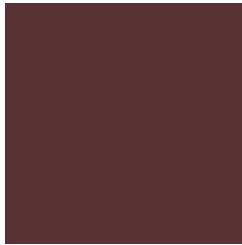


EB0018



# Previews

## White Background



This preview shows how the Hex color 583135 looks on a white background.

## Color Contrast Check

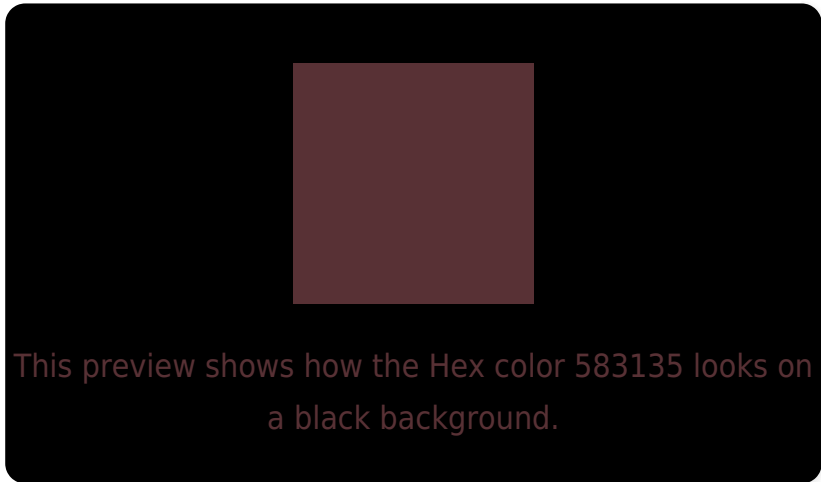
Large Text (above 18pt) WCAG AA ✓ Pass

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

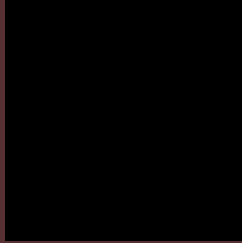
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 583135 Background



This preview shows how black text looks on a background with the Hex color 583135.

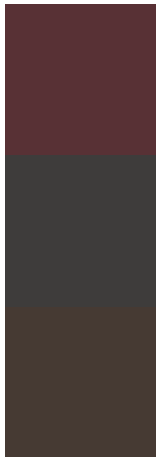


This preview shows how white text looks on a background with the Hex color 583135.

# 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**  
583135

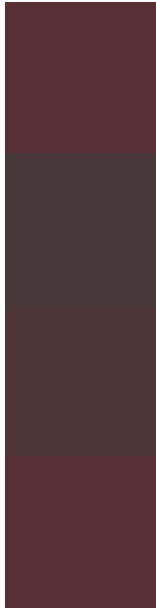
**Protanopia**  
3E3C3B

**Deuteranopia**  
463A33



**Tritanopia**  
583135

# Trichromacy



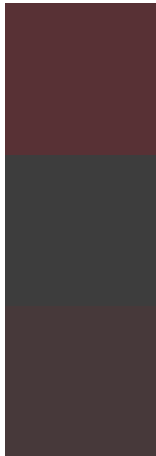
**Original Color**  
583135

**Protanomaly**  
473839

**Deuteranomaly**  
4D3734

**Tritanomaly**  
583135

# Monochromacy



**Original Color**  
583135

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
47393A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 583135 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 #583135 looks like.

```
.text, #text, p{  
    color:#583135  
}
```

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 #583135 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #583135
}
```

## Border

The CSS property to change the border of an element to Hex 583135 is called "border". The border property can be set on classes, ids or directly on the HTML element.

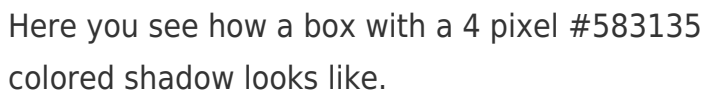
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#583135 }
```

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

```
.border{ border-color:#583135 }
```

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



Here you see how a box with a 4 pixel #583135 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #583135; -webkit-box-shadow:4px 4px  
4px 4px #583135; box-shadow:4px 4px 4px  
4px #583135 }
```

# Background

The CSS property to change the background color of an element to Hex 583135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#583135 }
```

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

```
.background{ background-color:#583135 }
```

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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