

# Converting Colors

Hex(513633)

Have a look what the booklet for  
Hex(513633) contains.

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# Color

**Hex(513633)**

# Conversions

## Conversions Part 1

Format	Color
Hex	513633
RGB	81, 54, 51
RGB Percent	32%, 21%, 20%
CMY	0.6824, 0.7882, 0.8000
CMYK	0.00, 0.33, 0.37, 0.68
HSL	6°, 23%, 26%
HSV	6°, 37%, 32%
XYZ	5.3100, 4.6267, 3.7451
YIQ	61.7310, 17.0550, 4.7910

# Conversions

## Conversions Part 2

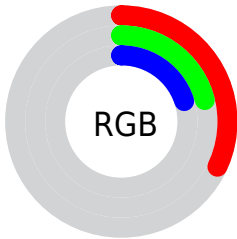
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	81, 54, 51
Decimal	5322291
CIE Lab	25.64, 11.64, 6.76
CIE LCh	26, 13.462, 30.124
Yxy	4.6267, 0.3881, 0.3382
Android (android.graphics.Color)	4283512371 (0xFF513633)
YUV	61.7310, -5.2904, 16.8989
Hunter-Lab	21.5097, 6.4238, 4.7336

# Details

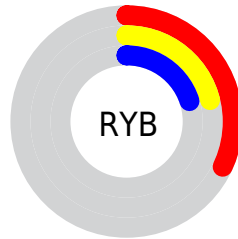
The Hex color **513633** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **334E51**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **836561**, and **240B05** is the 20% darker color. If you saturate the color by 10%, you get **512F2B**, and if you desaturate by 10%, it is **513D3B**.

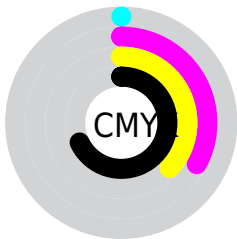
# Distribution



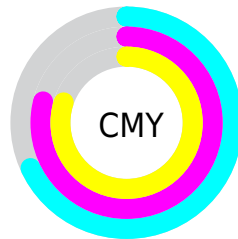
- Red (32%)
- Green (21%)
- Blue (20%)



- Red (32%)
- Yellow (21%)
- Blue (20%)



- Cyan (0%)
- Magenta (33%)
- Yellow (37%)
- Black (68%)



- Cyan (68%)
- Magenta (79%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 513633 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 513633 by changing the saturation by 10% instead.



■ 513633

■ 513633

FFFFFF

■ 39201E

■ 836561

■ 240B05

■ 9E7E7A

■ 000000

■ B99894

■ D5B3AE

■ F1CECA

■ FFEAE6

■ 513633

■ 513633

■ 512F2B

■ 513D3B

■ 512723

■ 514543

■ 51201B

■ 514C4B

■ 511913

■ 515353

■ 51120B

■ 515A5C

■ 510A02

■ 516264

■ 510800

■ 51696C

■ 517074

■ 51787C

# Harmonies

## Analogous

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



50353D



513633



4C392B

# Triad

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



513633



2D4132



303E51

# Complementary

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



513633



334E51

# 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.



23414E



513633



23423C

# Square

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



513633



393F2B



1D4247



3E3A4E

# Rectangle

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



513633



473B29



1D4247



2B3F51



# Sweetspot

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



513633



695E5D



51334E



362F2F



B5B5B5



363636



# Same Dimension

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



513633



693F3B



514533



292525



690A00



E81700



# Inverse Universe

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



334E51



3B6469



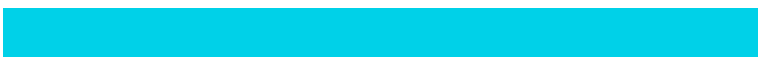
333F51



252829



005E69



00D1E8



# Previews

## White Background



This preview shows how the Hex color 513633 looks on a white background.

## Color Contrast Check

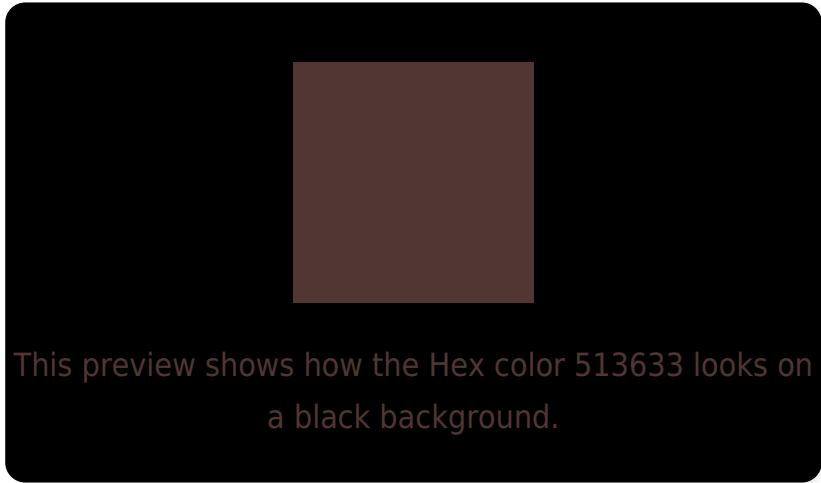
Large Text (above 18pt) WCAG AA ✓ Pass

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 513633 Background



This preview shows how black text looks on a background with the Hex color 513633.

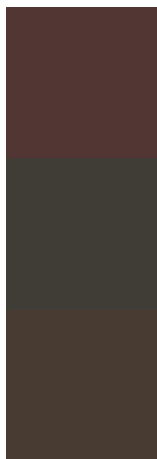


This preview shows how white text looks on a background with the Hex color 513633.

# 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**  
513633

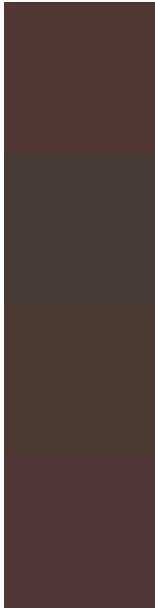
**Protanopia**  
403D36

**Deuteranopia**  
473B32



**Tritanopia**  
523539

# Trichromacy



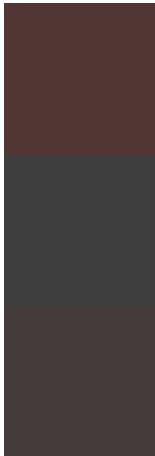
**Original Color**  
513633

**Protanomaly**  
463A35

**Deuteranomaly**  
4B3932

**Tritanomaly**  
523537

# Monochromacy



**Original Color**  
513633

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
453B3A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 513633 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 #513633 looks like.

```
.text, #text, p{  
    color:#513633  
}
```

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 #513633 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #513633
}
```

## Border

The CSS property to change the border of an element to Hex 513633 is called "border". The border property can be set on classes, ids or directly on the HTML element.

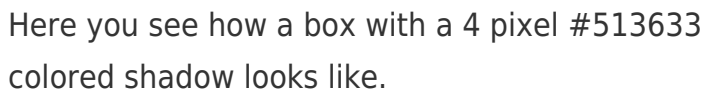
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#513633 }
```

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

```
.border{ border-color:#513633 }
```

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



Here you see how a box with a 4 pixel #513633 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #513633; -webkit-box-shadow:4px 4px  
4px 4px #513633; box-shadow:4px 4px 4px  
4px #513633 }
```

# Background

The CSS property to change the background color of an element to Hex 513633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#513633 }
```

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

```
.background{ background-color:#513633 }
```

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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