

Converting Colors

Hex(513B36)

Have a look what the booklet for
Hex(513B36) contains.

Hex(513B36)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(513B36)

Conversions

Conversions Part 1

Format	Color
Hex	513B36
RGB	81, 59, 54
RGB Percent	32%, 23%, 21%
CMY	0.6824, 0.7686, 0.7882
CMYK	0.00, 0.27, 0.33, 0.68
HSL	11°, 20%, 26%
HSV	11°, 33%, 32%
XYZ	5.6232, 5.1436, 4.1865
YIQ	65.0080, 14.7170, 3.1090

Conversions

Conversions Part 2

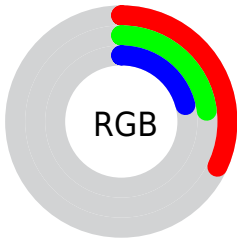
Format	Color
R_{YB}	81, 60, 54
Decimal	5323574
CIE Lab	27.14, 8.88, 6.88
CIE LCh	27, 11.230, 37.753
Yxy	5.1436, 0.3760, 0.3440
Android (android.graphics.Color)	4283513654 (0xFF513B36)
YUV	65.0080, -5.4269, 14.0250
Hunter-Lab	22.6795, 4.5682, 4.9312

Details

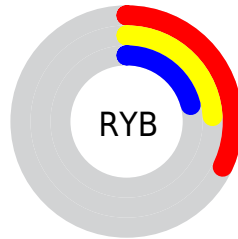
The Hex color **513B36** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **364C51**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **836A65**, and **24110A** is the 20% darker color. If you saturate the color by 10%, you get **51342E**, and if you desaturate by 10%, it is **51423E**.

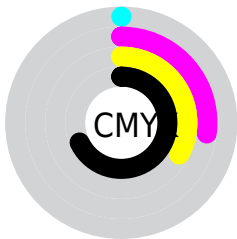
Distribution



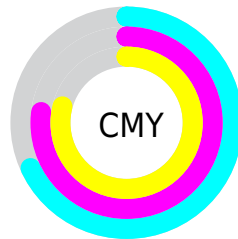
- Red (32%)
- Green (23%)
- Blue (21%)



- Red (32%)
- Yellow (24%)
- Blue (21%)



- Cyan (0%)
- Magenta (27%)
- Yellow (33%)
- Black (68%)



- Cyan (68%)
- Magenta (77%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 513B36 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 513B36 by changing the saturation by 10% instead.

■ 513B36

■ 513B36

FFFFFF

■ 392521

■ 836A65

■ 24110A

■ 9D847E

■ 000000

■ B89E97

■ D4B9B2

■ F1D4CE

■ FFF1EA

■ 513B36

■ 513B36

■ 51342E

■ 51423E

■ 512E26

■ 514846

■ 51271E

■ 514F4E

■ 512116

■ 515556

■ 511A0E

■ 515C5F

■ 511305

■ 516367

■ 510F00

■ 51696F

■ 517077

■ 51767F

Harmonies

Analogous

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



513A3E



513B36



4C3D30

Triad

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



513B36



314439



394051

Complementary

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



513B36



364C51

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.



2E4350



513B36



2A4542

Square

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



513B36



3B4332



28444A



443D4E

Rectangle

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



513B36



473F2F



28444A



354151

Sweetspot

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



513B36



69605E



51364C



36302F



B5B5B5



363636

Same Dimension

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



513B36



69463F



514836



292525



691300



E82B00

Inverse Universe

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



364C51



3F6169



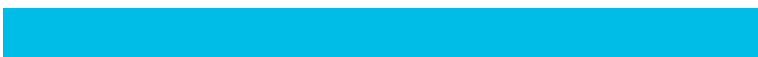
363F51



252829



005569



00BDE8

Previews

White Background



This preview shows how the Hex color 513B36 looks on a white background.

Color Contrast Check

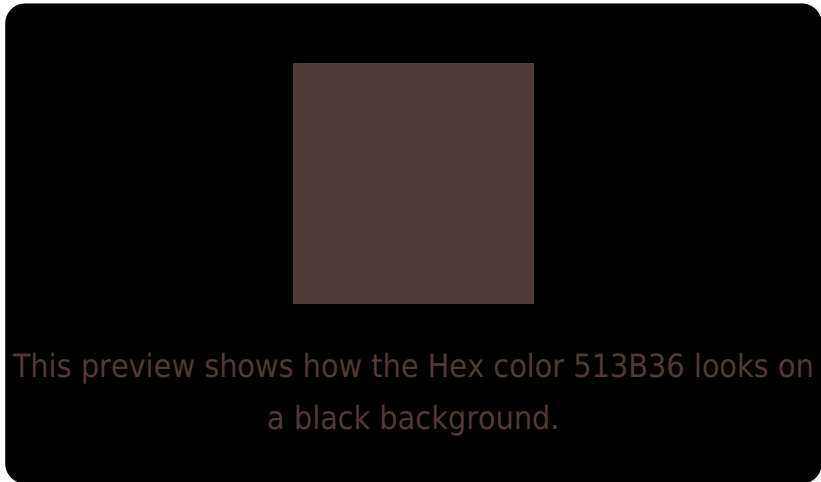
Large Text (above 18pt) WCAG AA ✓ Pass

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

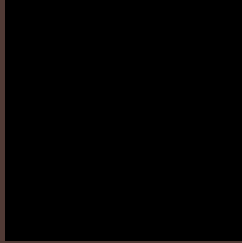
Any Text WCAG AA × Fail

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 513B36 Background



This preview shows how black text looks on a background with the Hex color 513B36.

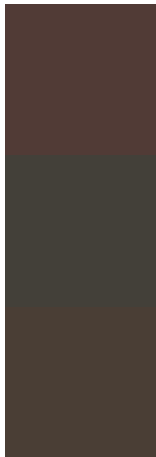


This preview shows how white text looks on a background with the Hex color 513B36.

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
513B36

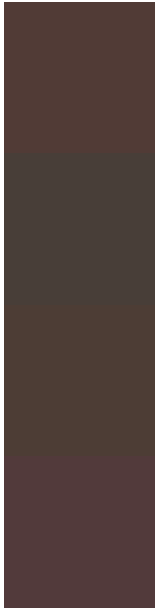
Protanopia
434039

Deuteranopia
4A3E35



Tritanopia
523A3E

Trichromacy



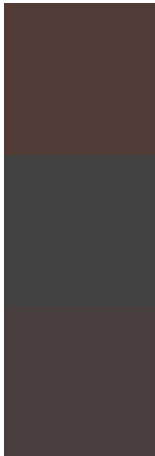
Original Color
513B36

Protanomaly
483E38

Deuteranomaly
4D3D35

Tritanomaly
523A3B

Monochromacy



Original Color
513B36

Achromatopsia
414141

Achromatomaly
473F3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 513B36 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 #513B36 looks like.

```
.text, #text, p{  
    color:#513B36  
}
```

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 #513B36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #513B36
}
```

Border

The CSS property to change the border of an element to Hex 513B36 is called "border". The border property can be set on classes, ids or directly on the HTML element.

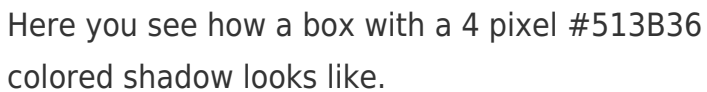
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#513B36 }
```

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

```
.border{ border-color:#513B36 }
```

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



Here you see how a box with a 4 pixel #513B36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #513B36; -webkit-box-shadow:4px 4px  
4px 4px #513B36; box-shadow:4px 4px 4px  
4px #513B36 }
```

Background

The CSS property to change the background color of an element to Hex 513B36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#513B36 }
```

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

```
.background{ background-color:#513B36 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor