

Converting Colors

Hex(513236)

Have a look what the booklet for
Hex(513236) contains.

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Color

Hex(513236)

Conversions

Conversions Part 1

Format	Color
Hex	513236
RGB	81, 50, 54
RGB Percent	32%, 20%, 21%
CMY	0.6824, 0.8039, 0.7882
CMYK	0.00, 0.38, 0.33, 0.68
HSL	352°, 24%, 26%
HSV	352°, 38%, 32%
XYZ	5.1998, 4.2969, 4.0453
YIQ	59.7250, 17.1920, 7.8160

Conversions

Conversions Part 2

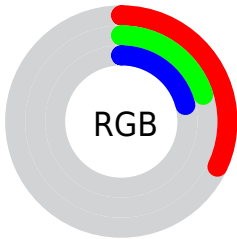
Format	Color
R_{YB}	81, 50, 54
Decimal	5321270
CIE _{Lab}	24.63, 14.68, 3.31
CIE _{LCh}	25, 15.052, 12.722
Yxy	4.2969, 0.3840, 0.3173
Android (android.graphics.Color)	4283511350 (0xFF513236)
YUV	59.7250, -2.8224, 18.6582
Hunter-Lab	20.7289, 8.5007, 2.9395

Details

The Hex color **513236** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **32514D**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **836165**, and **240509** is the 20% darker color. If you saturate the color by 10%, you get **512A2F**, and if you desaturate by 10%, it is **513A3D**.

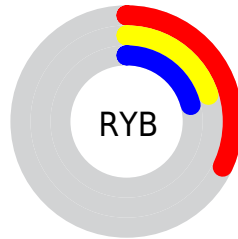
Distribution



Red (32%)

Green (20%)

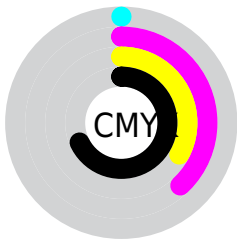
Blue (21%)



Red (32%)

Yellow (20%)

Blue (21%)

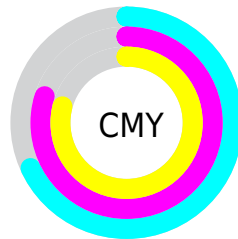


Cyan (0%)

Magenta (38%)

Yellow (33%)

Black (68%)



Cyan (68%)

Magenta (80%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 513236 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 513236 by changing the saturation by 10% instead.

■ 513236

■ 513236

FFFFFF

■ 391D21

■ 836165

■ 240509

■ 9E7A7E

■ 000000

■ B99397

■ D5AEB2

■ F2CACE

■ FFE6EA

■ 513236

■ 513236

■ 512A2F

■ 513A3D

■ 512228

■ 514244

■ 511A21

■ 514A4B

■ 51121A

■ 515252

■ 510A13

■ 515B59

■ 51010C

■ 516360

■ 51000A

■ 516B67

■ 51736E

■ 517B75

Harmonies

Analogous

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



4D3341



513236



4F342C

Triad

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



513236



313E2A



213D50

Complementary

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



513236



32514D

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.



154049



513236



234033

Square

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



513236



3D3B24



18413F



333A50

Rectangle

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



513236



4B3627



18413F



1C3E4E

Sweetspot

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



513236



695D5F



4D3251



362F2F



B5B5B5



363636

Same Dimension

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



513236



69383F



513D32



292525



69000D



E8001E

Inverse Universe

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



513236



69383F



324651



292525



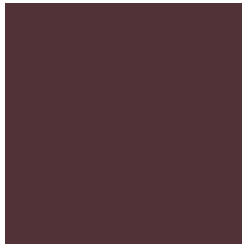
69000D



E8001E

Previews

White Background



This preview shows how the Hex color 513236 looks on a white background.

Color Contrast Check

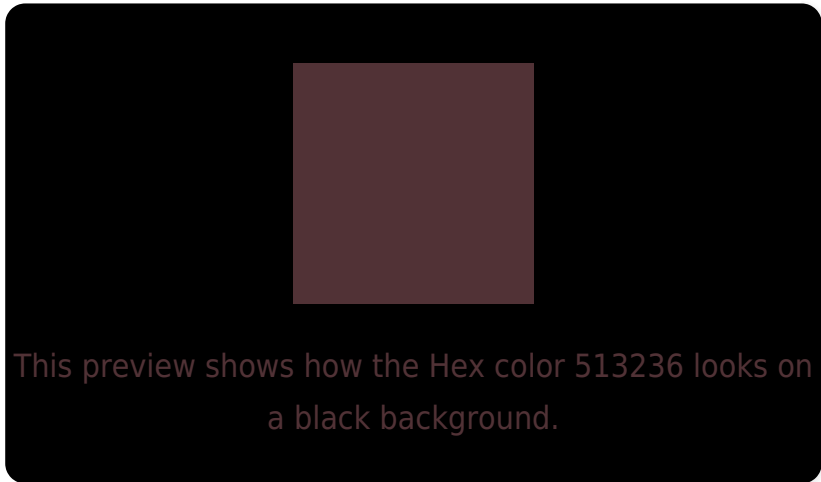
Large Text (above 18pt) WCAG AA ✓ Pass

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 513236 Background



This preview shows how black text looks on a background with the Hex color 513236.

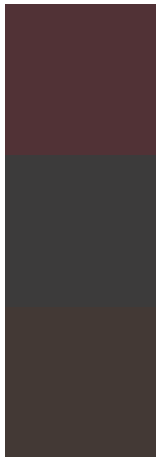


This preview shows how white text looks on a background with the Hex color 513236.

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
513236

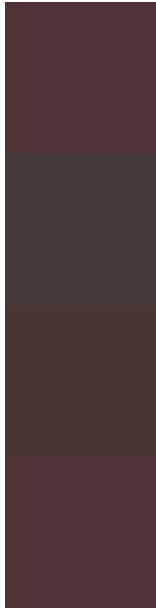
Protanopia
3C3B3B

Deuteranopia
433935



Tritanopia
513236

Trichromacy



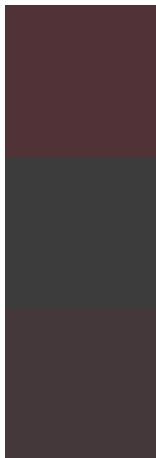
Original Color
513236

Protanomaly
443839

Deuteranomaly
483635

Tritanomaly
513236

Monochromacy



Original Color
513236

Achromatopsia
3C3C3C

Achromatomaly
44383A

CSS Examples

Text

The CSS property to change the color of the text to Hex 513236 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 #513236 looks like.

```
.text, #text, p{  
    color:#513236  
}
```

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 #513236 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #513236
}
```

Border

The CSS property to change the border of an element to Hex 513236 is called "border". The border property can be set on classes, ids or directly on the HTML element.

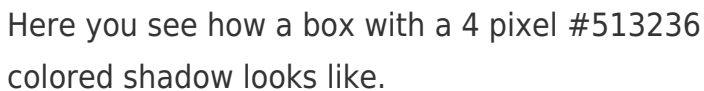
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#513236 }
```

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

```
.border{ border-color:#513236 }
```

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



Here you see how a box with a 4 pixel #513236 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #513236; -webkit-box-shadow:4px 4px  
4px 4px #513236; box-shadow:4px 4px 4px  
4px #513236 }
```

Background

The CSS property to change the background color of an element to Hex 513236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#513236 }
```

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

```
.background{ background-color:#513236 }
```

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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