

Converting Colors

Hex(513D3B)

Have a look what the booklet for
Hex(513D3B) contains.

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Color

Hex(513D3B)

Conversions

Conversions Part 1

Format	Color
Hex	513D3B
RGB	81, 61, 59
RGB Percent	32%, 24%, 23%
CMY	0.6824, 0.7608, 0.7686
CMYK	0.00, 0.25, 0.27, 0.68
HSL	5°, 16%, 27%
HSV	5°, 27%, 32%
XYZ	5.8515, 5.4026, 4.8721
YIQ	66.7520, 12.5620, 3.6180

Conversions

Conversions Part 2

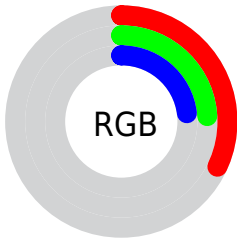
Format	Color
R_{YB}	81, 61, 59
Decimal	5324091
CIE _{Lab}	27.85, 8.41, 4.60
CIE _{LCh}	28, 9.589, 28.692
Yxy	5.4026, 0.3629, 0.3350
Android (android.graphics.Color)	4283514171 (0xFF513D3B)
YUV	66.7520, -3.8217, 12.4955
Hunter-Lab	23.2435, 4.2610, 3.8426




Details

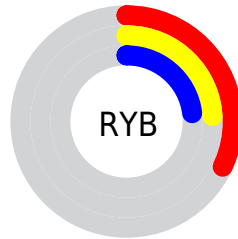
The Hex color **513D3B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3B4F51**, and the grayscale version is **434343**.




A 20% lighter version of the original color is **836C6A**, and **241311** is the 20% darker color. If you saturate the color by 10%, you get **513633**, and if you desaturate by 10%, it is **514443**.

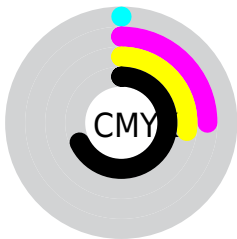
Distribution







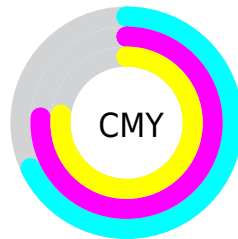
-  Red (32%)
-  Green (24%)
-  Blue (23%)






-  Red (32%)
-  Yellow (24%)
-  Blue (23%)



-  Cyan (0%)
-  Magenta (25%)
-  Yellow (27%)
-  Black (68%)



-  Cyan (68%)
-  Magenta (76%)
-  Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 513D3B 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 513D3B by changing the saturation by 10% instead.

■ 513D3B

■ 513D3B

FFFFFF

■ 3A2725

■ 836C6A

■ 241311

■ 9D8683

■ 000000

■ B8A09D

■ D4BBB8

■ F0D7D4

■ FFF3F0

■ 513D3B

■ 513D3B

■ 513633

■ 514443

■ 512E2B

■ 514C4B

■ 512723

■ 515353

■ 51201B

■ 515A5B

■ 511813

■ 516264

■ 51110A

■ 51696C

■ 510902

■ 517174

■ 510700

■ 51787C

■ 517F84

Harmonies

Analogous

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



503D42



513D3B



4E3F35

Triad

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



513D3B



37453A



394250

Complementary

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



513D3B



3B4F51

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.



31454E



513D3B



314641

Square

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



513D3B



404335



2E4649



43404F

Rectangle

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



513D3B



4A4033



2E4649



364350

Sweetspot

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



513D3B



696160



513B4F



363130



B5B5B5



363636

Same Dimension

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



513D3B



694946



51483B



292525



690A00



E81500

Inverse Universe

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



3B4F51



466569



3B4451



252829



005F69



00D3E8

Previews

White Background



This preview shows how the Hex color 513D3B 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

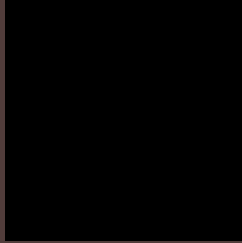
Any Text WCAG AA × Fail

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 513D3B Background



This preview shows how black text looks on a background with the Hex color 513D3B.

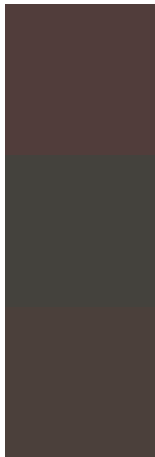


This preview shows how white text looks on a background with the Hex color 513D3B.

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
513D3B

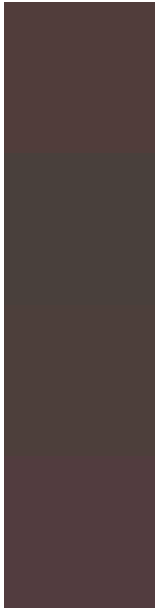
Protanopia
44423D

Deuteranopia
4B403B



Tritanopia
523C41

Trichromacy



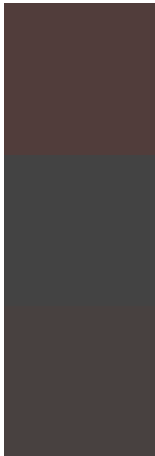
Original Color
513D3B

Protanomaly
49403C

Deuteranomaly
4D3F3B

Tritanomaly
523C3F

Monochromacy



Original Color
513D3B

Achromatopsia
434343

Achromatomaly
484140

CSS Examples

Text

The CSS property to change the color of the text to Hex 513D3B 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 #513D3B looks like.

```
.text, #text, p{  
    color:#513D3B  
}
```

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 #513D3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #513D3B
}
```

Border

The CSS property to change the border of an element to Hex 513D3B is called "border". The border property can be set on classes, ids or directly on the HTML element.

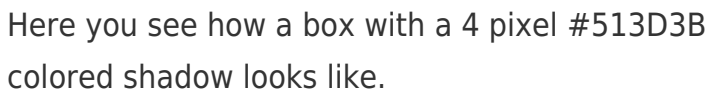
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#513D3B }
```

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

```
.border{ border-color:#513D3B }
```

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



Here you see how a box with a 4 pixel #513D3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #513D3B; -webkit-box-shadow:4px 4px  
4px 4px #513D3B; box-shadow:4px 4px 4px  
4px #513D3B }
```

Background

The CSS property to change the background color of an element to Hex 513D3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#513D3B }
```

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

```
.background{ background-color:#513D3B }
```

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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