

Converting Colors

Hex(513225)

Have a look what the booklet for
Hex(513225) contains.

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Color

Hex(513225)

Conversions

Conversions Part 1

Format	Color
Hex	513225
RGB	81, 50, 37
RGB Percent	32%, 20%, 15%
CMY	0.6824, 0.8039, 0.8549
CMYK	0.00, 0.38, 0.54, 0.68
HSL	18°, 37%, 23%
HSV	18°, 54%, 32%
XYZ	4.8679, 4.1641, 2.2975
YIQ	57.7870, 22.6490, 2.5290

Conversions

Conversions Part 2

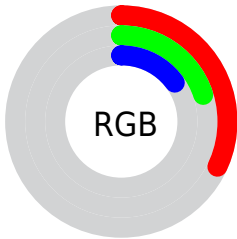
Format	Color
R_{YB}	81, 55, 37
Decimal	5321253
CIE Lab	24.21, 12.38, 14.06
CIE LCh	24, 18.729, 48.633
Yxy	4.1641, 0.4297, 0.3675
Android (android.graphics.Color)	4283511333 (0xFF513225)
YUV	57.7870, -10.2480, 20.3578
Hunter-Lab	20.4061, 6.8703, 7.6091




Details

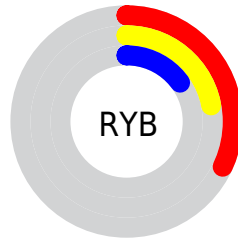
The Hex color **513225** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **254451**, and the grayscale version is **3A3A3A**.




A 20% lighter version of the original color is **846152**, and **230500** is the 20% darker color. If you saturate the color by 10%, you get **512C1D**, and if you desaturate by 10%, it is **51382D**.

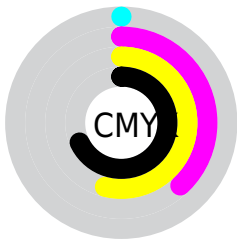
Distribution







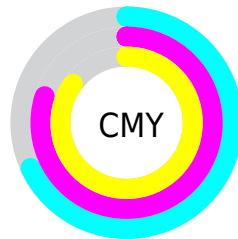
-  Red (32%)
-  Green (20%)
-  Blue (15%)






-  Red (32%)
-  Yellow (22%)
-  Blue (15%)



-  Cyan (0%)
-  Magenta (38%)
-  Yellow (54%)
-  Black (68%)




-  Cyan (68%)
-  Magenta (80%)
-  Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 513225 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 513225 by changing the saturation by 10% instead.

 513225

 513225

FFFFFF

 391D10

 846152

 230500

 9F796A

 000000


 BA9383

 D7AE9D

 F3C9B8

 FFE5D4

 FFFFF0

 513225

 513225

■ 512C1D

■ 51382D

■ 512715

■ 513D35

■ 51210D

■ 51433D

■ 511B05

■ 514945

■ 511800

■ 514F4E

■ 515456

■ 515A5E

■ 516066

■ 51656E

Harmonies

Analogous

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



552F31



513225



47371E

Triad

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



513225



174134



333854

Complementary

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



513225



254451

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.



1A3D55



513225



004142

Square

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



513225



2A3F26



00404E



46334C

Rectangle

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



513225



3F3A1D



00404E



2B3A55

Sweetspot

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



513225



695D58



512545



362E2B



B5B5B5



363636

Same Dimension

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



513225



693925



514725



292625



691F00



E84500

Inverse Universe

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



254451



255469



252F51



252829



004A69



00A3E8

Previews

White Background



This preview shows how the Hex color 513225 looks on a white background.

Color Contrast Check

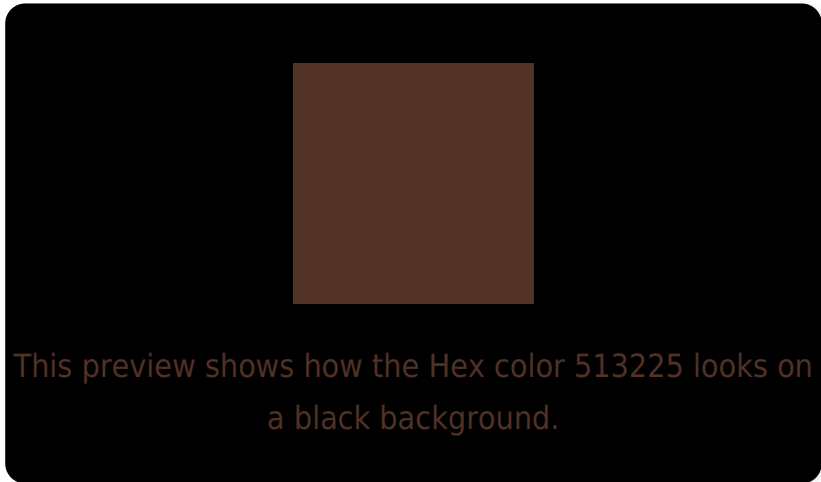
Large Text (above 18pt) WCAG AA ✓ Pass

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

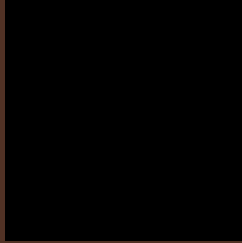
Any Text WCAG AA × Fail

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 513225 Background



This preview shows how black text looks on a background with the Hex color 513225.

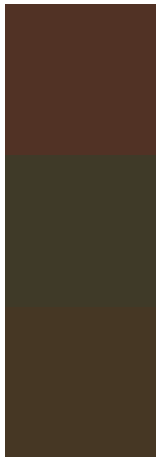


This preview shows how white text looks on a background with the Hex color 513225.

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
513225

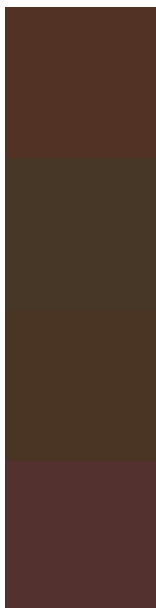
Protanopia
3F3A28

Deuteranopia
463724



Tritanopia
523034

Trichromacy



Original Color

513225

Protanomaly

463727

Deuteranomaly

4A3524

Tritanomaly

52312F

Monochromacy



Original Color

513225

Achromatopsia

3A3A3A

Achromatomaly

423732

CSS Examples

Text

The CSS property to change the color of the text to Hex 513225 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 #513225 looks like.

```
.text, #text, p{  
    color:#513225  
}
```

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 #513225 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #513225
}
```

Border

The CSS property to change the border of an element to Hex 513225 is called "border". The border property can be set on classes, ids or directly on the HTML element.

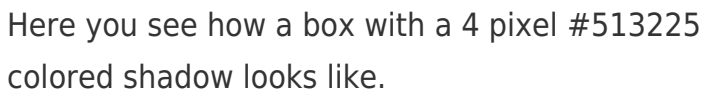
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#513225 }
```

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

```
.border{ border-color:#513225 }
```

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



Here you see how a box with a 4 pixel #513225 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #513225; -webkit-box-shadow:4px 4px  
4px 4px #513225; box-shadow:4px 4px 4px  
4px #513225 }
```

Background

The CSS property to change the background color of an element to Hex 513225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#513225 }
```

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

```
.background{ background-color:#513225 }
```

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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