

Converting Colors

Hex(513D18)

Have a look what the booklet for
Hex(513D18) contains.

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Color

Hex(513D18)

Conversions

Conversions Part 1

Format	Color
Hex	513D18
RGB	81, 61, 24
RGB Percent	32%, 24%, 9%
CMY	0.6824, 0.7608, 0.9059
CMYK	0.00, 0.25, 0.70, 0.68
HSL	39°, 54%, 21%
HSV	39°, 70%, 32%
XYZ	5.2270, 5.1528, 1.5832
YIQ	62.7620, 23.7970, -7.2670

Conversions

Conversions Part 2

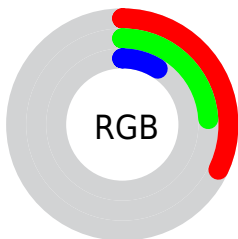
Format	Color
R_{YB}	55, 81, 24
Decimal	5324056
CIE _{Lab}	27.17, 4.08, 25.61
CIE _{LCh}	27, 25.931, 80.945
Yxy	5.1528, 0.4369, 0.4307
Android (android.graphics.Color)	4283514136 (0xFF513D18)
YUV	62.7620, -19.1097, 15.9947
Hunter-Lab	22.6997, 1.3779, 11.7545

Details

The Hex color **513D18** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **182C51**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **846C45**, and **211300** is the 20% darker color. If you saturate the color by 10%, you get **513A10**, and if you desaturate by 10%, it is **514020**.

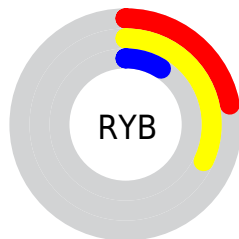
Distribution



 Red (32%)

 Green (24%)

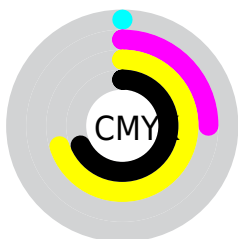
 Blue (9%)




 Red (22%)

 Yellow (32%)

 Blue (9%)

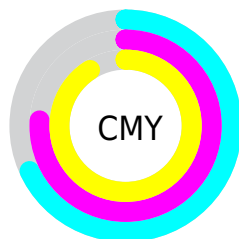



 Cyan (0%)

 Magenta (25%)

 Yellow (70%)

 Black (68%)



 Cyan (68%)

 Magenta (76%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 513D18 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 513D18 by changing the saturation by 10% instead.

■ 513D18

■ 513D18

FFFFFFE

■ 392700

■ 846C45

■ 211300

■ 9F855D

■ 000000

■ BBA076

■ D7BA8F

■ F4D6AA

■ FFF3C6

■ FFFFE2

■ 513D18

■ 513D18

■ 513A10

■ 514020

■ 513708

■ 514328

■ 513500

■ 514630

■ 514838

■ 514B41

■ 514E49

■ 515151

■ 515459

■ 515761

Harmonies

Analogous

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



5F3622



513D18



3E431A

Triad

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



513D18



004A4E



533659

Complementary

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



513D18



182C51

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.



383D65



513D18



00485F

Square

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



513D18



004A39



044467



623047

Rectangle

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



513D18



2F4621



044467



4B385E

Sweetspot

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



513D18



696153



51182D



363128



B5B5B5



363636

Same Dimension

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



513D18



694A11



495118



292725



694400



E89700

Inverse Universe

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



182C51



113069



201851



252629



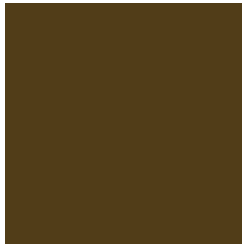
002569



0051E8

Previews

White Background



This preview shows how the Hex color 513D18 looks on a white background.

Color Contrast Check

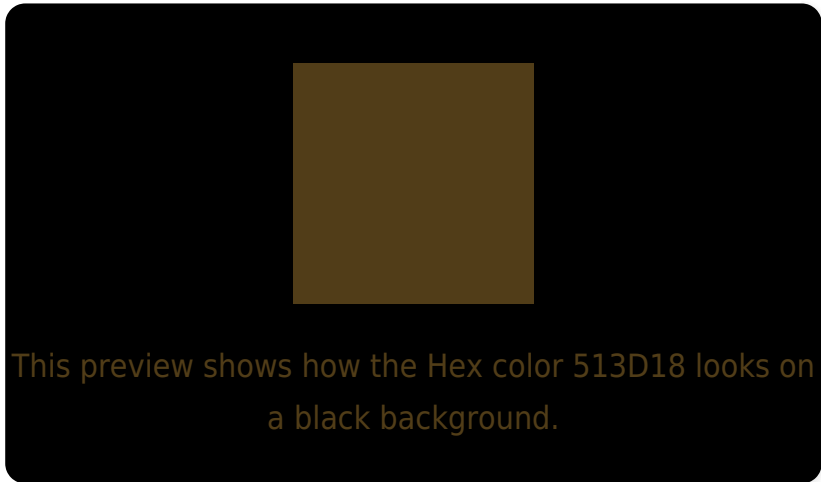
Large Text (above 18pt) WCAG AA ✓ Pass

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

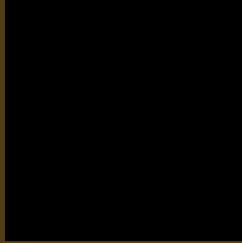
Any Text WCAG AA × Fail

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 513D18 Background



This preview shows how black text looks on a background with the Hex color 513D18.



This preview shows how white text looks on a background with the Hex color 513D18.

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
513D18

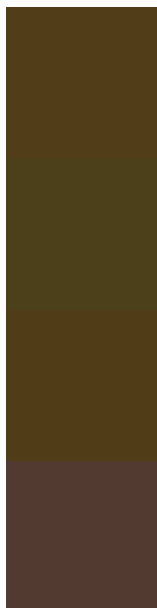
Protanopia
484119

Deuteranopia
503D18



Tritanopia
54393E

Trichromacy



Original Color

513D18

Protanomaly

4B4019

Deuteranomaly

503D18

Tritanomaly

533A30

Monochromacy



Original Color

513D18

Achromatopsia

3F3F3F

Achromatomaly

463E31

CSS Examples

Text

The CSS property to change the color of the text to Hex 513D18 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 #513D18 looks like.

```
.text, #text, p{  
    color:#513D18  
}
```

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 #513D18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #513D18  
}
```

Border

The CSS property to change the border of an element to Hex 513D18 is called "border". The border property can be set on classes, ids or directly on the HTML element.

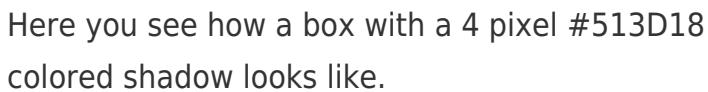
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#513D18 }
```

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

```
.border{ border-color:#513D18 }
```

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



Here you see how a box with a 4 pixel #513D18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #513D18; -webkit-box-shadow:4px 4px  
4px 4px #513D18; box-shadow:4px 4px 4px  
4px #513D18 }
```

Background

The CSS property to change the background color of an element to Hex 513D18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#513D18 }
```

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

```
.background{ background-color:#513D18 }
```

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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