

# Converting Colors

Hex(513D0C)

Have a look what the booklet for  
Hex(513D0C) contains.

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**Color**

**Hex(513D0C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	513D0C
RGB	81, 61, 12
RGB Percent	32%, 24%, 5%
CMY	0.6824, 0.7608, 0.9529
CMYK	0.00, 0.25, 0.85, 0.68
HSL	43°, 74%, 18%
HSV	43°, 85%, 32%
XYZ	5.1284, 5.1134, 1.0645
YIQ	61.3940, 27.6490, -10.9990

# Conversions

## Conversions Part 2

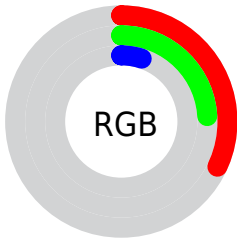
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	40, 81, 12
Decimal	5324044
CIE <sub>Lab</sub>	27.06, 3.35, 31.47
CIE <sub>LCh</sub>	27, 31.646, 83.915
Yxy	5.1134, 0.4536, 0.4523
Android (android.graphics.Color)	4283514124 (0xFF513D0C)
YUV	61.3940, -24.3512, 17.1945
Hunter-Lab	22.6127, 0.9105, 13.0378

# Details

The Hex color **513D0C** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0C2051**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **856C3A**, and **201300** is the 20% darker color. If you saturate the color by 10%, you get **513B04**, and if you desaturate by 10%, it is **513F14**.

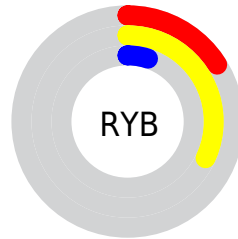
# Distribution



Red (32%)

Green (24%)

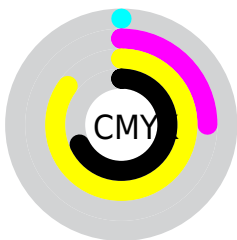
Blue (5%)



Red (16%)

Yellow (32%)

Blue (5%)

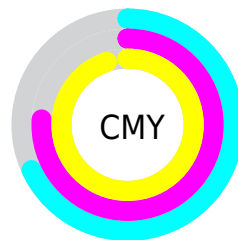


Cyan (0%)

Magenta (25%)

Yellow (85%)

Black (68%)



Cyan (68%)

Magenta (76%)

Yellow (95%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 513D0C 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 513D0C by changing the saturation by 10% instead.



 513D0C

 513D0C

 FFFFF2

 392700

 856C3A

 201300

 A08552

 000000

 BC9F6B


 D9BA84

 F6D69F

 FFF2BA

 FFFFD6

 513D0C

 513D0C

■ 513B04

■ 513F14

■ 513A00

■ 51421C

■ 514424

■ 51462C

■ 514935

■ 514B3D

■ 514D45

■ 51504D

■ 515255

# Harmonies

## Analogous

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



633419



513D0C



3A4410

# Triad

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



513D0C



004C53



59315D

# Complementary

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



513D0C



0C2051

# 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.



383C6C



513D0C



004967

# Square

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



513D0C



004B3A



004470



692A46

# Rectangle

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



513D0C



27481B



004470



503563



# Sweetspot

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



513D0C



69614D



510C21



363125



B5B5B5



363636



# Same Dimension

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



513D0C



694A00



43510C



292825



E8A500

# Inverse Universe

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



0C2051



001E69



1A0C51



252629



0043E8

# Previews

## White Background



This preview shows how the Hex color 513D0C looks on a white background.

## Color Contrast Check

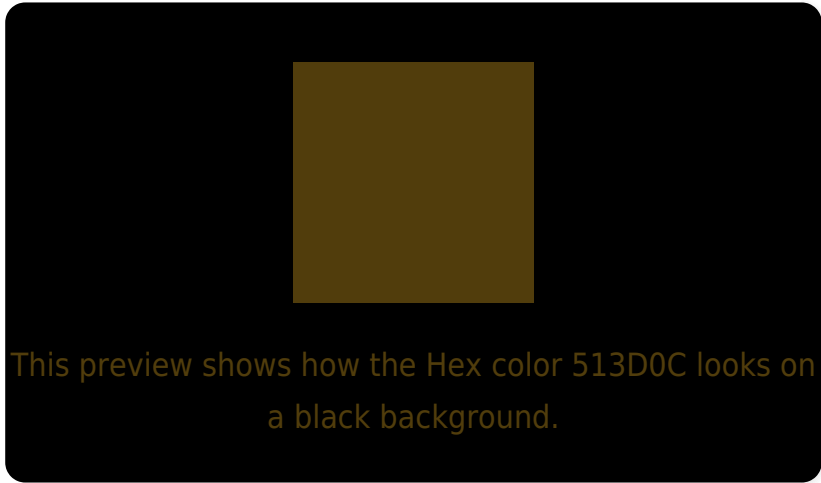
Large Text (above 18pt) WCAG AA ✓ Pass

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

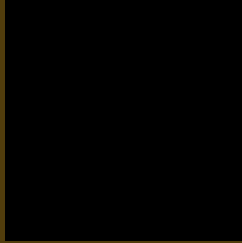
Any Text WCAG AA × Fail

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 513D0C Background



This preview shows how black text looks on a background with the Hex color 513D0C.



This preview shows how white text looks on a background with the Hex color 513D0C.

# 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**  
513D0C

**Protanopia**  
48400D

**Deuteranopia**  
513D0C





**Tritanopia**  
54393D

# Trichromacy



**Original Color**  
513D0C

**Protanomaly**  
4B3F0D

**Deuteranomaly**  
513D0C

**Tritanomaly**  
533A2B

# Monochromacy



**Original Color**  
513D0C

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
443D2B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 513D0C 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 #513D0C looks like.

```
.text, #text, p{  
    color:#513D0C  
}
```

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 #513D0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #513D0C
}
```

## Border

The CSS property to change the border of an element to Hex 513D0C is called "border". The border property can be set on classes, ids or directly on the HTML element.

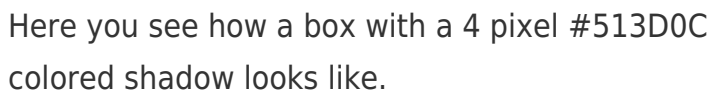
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#513D0C }
```

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

```
.border{ border-color:#513D0C }
```

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



Here you see how a box with a 4 pixel #513D0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #513D0C; -webkit-box-shadow:4px 4px  
4px 4px #513D0C; box-shadow:4px 4px 4px  
4px #513D0C }
```

# Background

The CSS property to change the background color of an element to Hex 513D0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#513D0C }
```

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

```
.background{ background-color:#513D0C }
```

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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