

Converting Colors

Hex(513C04)

Have a look what the booklet for
Hex(513C04) contains.

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Color

Hex(513C04)

Conversions

Conversions Part 1

Format	Color
Hex	513C04
RGB	81, 60, 4
RGB Percent	32%, 24%, 2%
CMY	0.6824, 0.7647, 0.9843
CMYK	0.00, 0.26, 0.95, 0.68
HSL	44°, 91%, 17%
HSV	44°, 95%, 32%
XYZ	5.0311, 4.9898, 0.8128
YIQ	59.8950, 30.4920, -12.9640

Conversions

Conversions Part 2

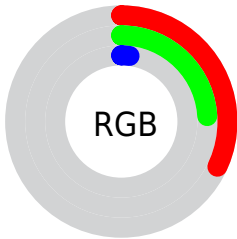
Format	Color
RYB	33, 81, 4
Decimal	5323780
CIELab	26.71, 3.66, 34.42
CIElCh	27, 34.612, 83.932
Yxy	4.9898, 0.4644, 0.4606
Android (android.graphics.Color)	4283513860 (0xFF513C04)
YUV	59.8950, -27.5562, 18.5091
Hunter-Lab	22.3379, 1.1118, 13.4791

Details

The Hex color **513C04** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **041951**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **866B34**, and **201200** is the 20% darker color. If you saturate the color by 10%, you get **513B00**, and if you desaturate by 10%, it is **513E0C**.

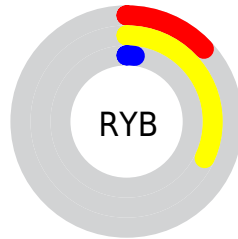
Distribution



Red (32%)

Green (24%)

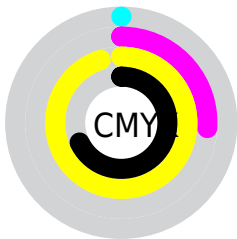
Blue (2%)



Red (13%)

Yellow (32%)

Blue (2%)

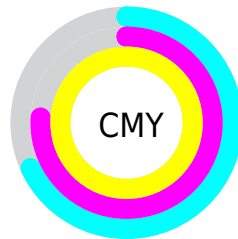


Cyan (0%)

Magenta (26%)

Yellow (95%)

Black (68%)



Cyan (68%)


Magenta (76%)


Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 513C04 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 513C04 by changing the saturation by 10% instead.

 513C04

 513C04

 FFFFEB

 382600

 866B34

 201200

 A1844C

 000000


 BD9E64


 D9B97E

 F7D598

 FFF1B3

 FFFFCE

 513C04

 513C04

■ 513B00

■ 513E0C

■ 514014

■ 51431C

■ 514524

■ 51472D

■ 514935

■ 514B3D

■ 514E45

■ 51504D

Harmonies

Analogous

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



643114



513C04



384408

Triad

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



513C04



004B54



5A2F5F

Complementary

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



513C04



041951

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.



353A70



513C04



004969

Square

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



513C04



004B39



004474



6C2646

Rectangle

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



513C04



234816



004474



503365

Sweetspot

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



513C04



69604A



51041A



363023



B5B5B5



363636

Same Dimension

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



513C04



694C00



405104



292825



E8A900

Inverse Universe

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



041951



001D69



150451



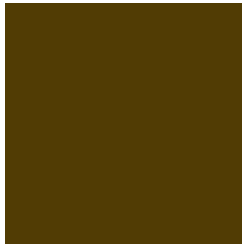
252629



003FE8

Previews

White Background



This preview shows how the Hex color 513C04 looks on a white background.

Color Contrast Check

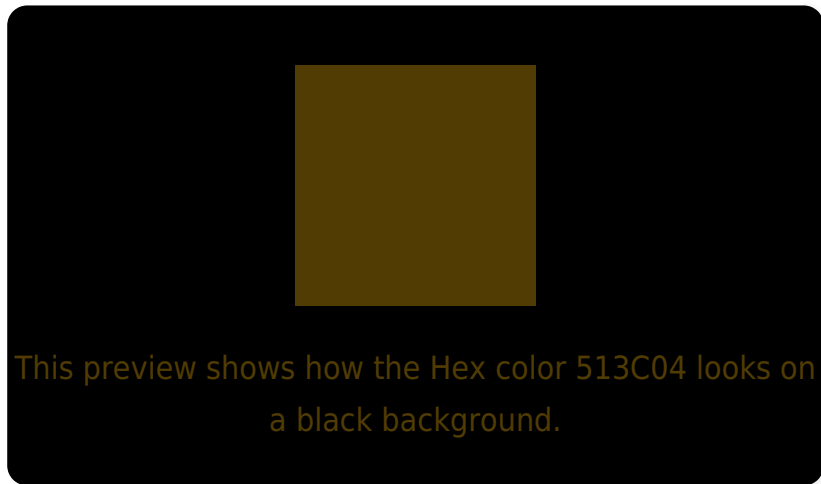
Large Text (above 18pt) WCAG AA ✓ Pass

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

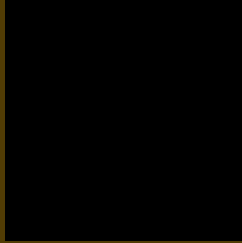
Any Text WCAG AA × Fail

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 513C04 Background



This preview shows how black text looks on a background with the Hex color 513C04.



This preview shows how white text looks on a background with the Hex color 513C04.

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
513C04

Protanopia
484006

Deuteranopia
503C03



Tritanopia
54383C

Trichromacy



Original Color
513C04

Protanomaly
4B3F05

Deuteranomaly
503C03

Tritanomaly
533928

Monochromacy



Original Color
513C04

Achromatopsia
3C3C3C

Achromatomaly
443C28

CSS Examples

Text

The CSS property to change the color of the text to Hex 513C04 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 #513C04 looks like.

```
.text, #text, p{  
    color:#513C04  
}
```

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 #513C04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #513C04
}
```

Border

The CSS property to change the border of an element to Hex 513C04 is called "border". The border property can be set on classes, ids or directly on the HTML element.

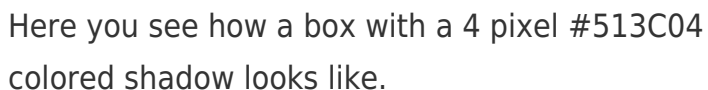
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#513C04 }
```

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

```
.border{ border-color:#513C04 }
```

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



Here you see how a box with a 4 pixel #513C04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #513C04; -webkit-box-shadow:4px 4px  
4px 4px #513C04; box-shadow:4px 4px 4px  
4px #513C04 }
```

Background

The CSS property to change the background color of an element to Hex 513C04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#513C04 }
```

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

```
.background{ background-color:#513C04 }
```

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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