

# Converting Colors

Hex(513602)

Have a look what the booklet for  
Hex(513602) contains.

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**Color**

**Hex(513602)**

# Conversions

## Conversions Part 1

Format	Color
Hex	513602
RGB	81, 54, 2
RGB Percent	32%, 21%, 1%
CMY	0.6824, 0.7882, 0.9922
CMYK	0.00, 0.33, 0.98, 0.68
HSL	39°, 95%, 16%
HSV	39°, 98%, 32%
XYZ	4.7235, 4.3920, 0.6562
YIQ	56.1450, 32.7840, -10.4480

# Conversions

## Conversions Part 2

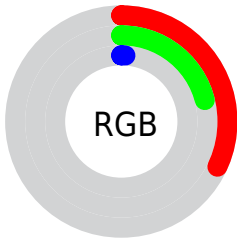
<b>Format</b>	<b>Color</b>
<b>RYB</b>	43, 81, 2
Decimal	5322242
CIELab	24.93, 7.42, 33.59
CIELCh	25, 34.401, 77.550
Yxy	4.3920, 0.4834, 0.4495
Android (android.graphics.Color)	4283512322 (0xFF513602)
YUV	56.1450, -26.6935, 21.7978
Hunter-Lab	20.9572, 3.5563, 12.8135

# Details

The Hex color **513602** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **021D51**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **866531**, and **200B00** is the 20% darker color. If you saturate the color by 10%, you get **513500**, and if you desaturate by 10%, it is **51390A**.

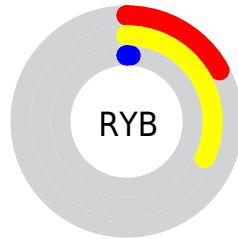
# Distribution



Red (32%)

Green (21%)

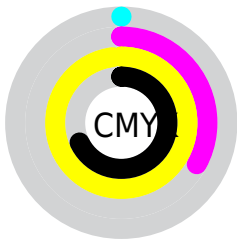
Blue (1%)



Red (17%)

Yellow (32%)

Blue (1%)

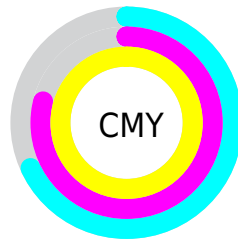


Cyan (0%)

Magenta (33%)

Yellow (98%)

Black (68%)



Cyan (68%)

Magenta (79%)


Yellow (99%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 513602 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 513602 by changing the saturation by 10% instead.



 513602

 513602

 FFFFE8

 382100

 866531

 200B00

 A17D49

 000000


 BD9762


 DAB27B

 F7CD95

 FFEAB0

 FFFFCC

 513602

 513602

■ 513500

■ 51390A

■ 513C12

■ 513E1A

■ 514122

■ 51442A

■ 514733

■ 51493B

■ 514C43

■ 514F4B

# Harmonies

## Analogous

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



622B15



513602



3A3F02

# Triad

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



513602



00474A



4F2D5F

# Complementary

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



513602



021D51

# 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.



25396D



513602



004661

# Square

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



513602



00472F



00416E



642347

# Rectangle

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



513602



26420E



00416E



443165



# Sweetspot

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



513602



695E4A



51021E



362F23



B5B5B5



363636



# Same Dimension

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



513602



694500



455102



292725



E89900

# Inverse Universe

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



021D51



002469



0E0251



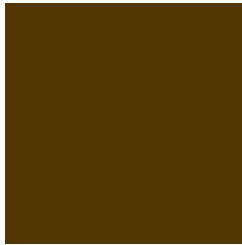
252629



004FE8

# Previews

## White Background



This preview shows how the Hex color 513602 looks on a white background.

## Color Contrast Check

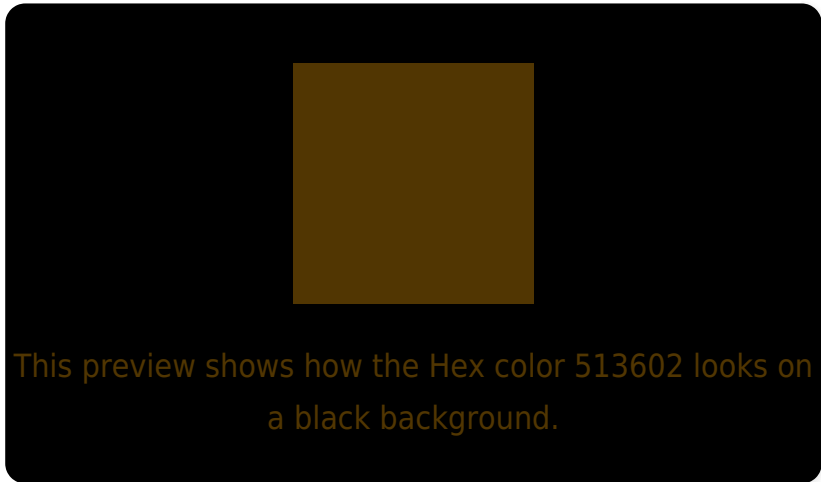
Large Text (above 18pt) WCAG AA ✓ Pass

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

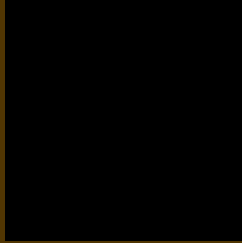
Any Text WCAG AA × Fail

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 513602 Background



This preview shows how black text looks on a background with the Hex color 513602.



This preview shows how white text looks on a background with the Hex color 513602.

# 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**  
513602

**Protanopia**  
433C06

**Deuteranopia**  
4C3900





**Tritanopia**  
533236

# Trichromacy



**Original Color**  
513602

**Protanomaly**  
483A05

**Deuteranomaly**  
4E3801

**Tritanomaly**  
523323

# Monochromacy



**Original Color**  
513602

**Achromatopsia**  
383838

**Achromatomaly**  
413724

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 513602 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 #513602 looks like.

```
.text, #text, p{  
    color:#513602  
}
```

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 #513602 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #513602
}
```

## Border

The CSS property to change the border of an element to Hex 513602 is called "border". The border property can be set on classes, ids or directly on the HTML element.

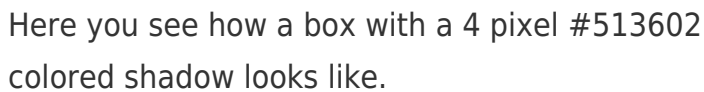
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#513602 }
```

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

```
.border{ border-color:#513602 }
```

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



Here you see how a box with a 4 pixel #513602 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #513602; -webkit-box-shadow:4px 4px  
4px 4px #513602; box-shadow:4px 4px 4px  
4px #513602 }
```

# Background

The CSS property to change the background color of an element to Hex 513602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#513602 }
```

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

```
.background{ background-color:#513602 }
```

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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